



M-Y351

Mobile Computer



Android



4G



WiFi



Bluetooth



1D Barcode



2D Barcode



NFC



Camera



GPS

M-Y351 is a lightweight and portable mobile computer with keyboard. With Android 12, high-performance processor, 3.5-inch touchscreen, multi-function keyboard, and 5000mAh removable battery, the excellent configuration delivers highly efficient operation. It supports barcode scanning, NFC, 13MP camera, multiple wireless connections, and features high protection rating. The mobile computer is thus widely applicable in various fields including warehousing, logistics, retail, and asset management.



Specification

Physical Characteristics

Dimensions	186.6 x 66.7 x 24.3mm / 7.35 x 2.63 x 0.96in
Weight	285g / 10.05oz (Host with Battery)
Keypad	Left and Right Scan Keys + Main Keyboard
Battery	5000mAh (Host with Removable Battery), support quick charge
Displayer	3.5-inch, 480 x 800 resolution
Touch Panel	Multi-touch panel, gloves and wet hands supported
Sensor	Gravity sensor, proximity sensor, light sensor
Notification	Sound, LED indicator, vibrator
Audio	2 Microphones: 1 for noise reduction on the back and 1 speaker; Receiver
Card slot	1 slot for Micro SIM card, 1 slot for Nano SIM or TF card
Interfaces	USB 2.0 Type-C, OTG, supports Type-C headphones

Performance

CPU	Quad-core, 2.0GHz
RAM+ROM	2GB + 16GB / 3GB + 32GB
Expansion	Supports up to 128 GB Micro SD (TF) card

Developing Environment

Operating System	Android 12
SDK	Software Development kit
Language	Java
Tool	Eclipse / Android Studio

User Environment

Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH to 95%RH (non condensing)
Drop Specification	Multiple 1.5m / 4.9ft. drops (at least 28 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m / 1.64ft. falls at room temperature, meets IEC rolling specification
Sealing	IP65 per IEC sealing specifications
ESD	± 15KV air discharge, ± 8KV conductive discharge

Communication

WLAN	Support 802.11 a/b/g/n/ac, 2.4G / 5G dual-band
WWAN	2G: GSM: B2/B3/B5/B8 3G: WCDMA: (B1/B2/B4/B5/B8) TD-SCDMA (B34 / B39) 4G: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/B28B/B38/B39/B40/B41
Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Bluetooth 5.0
GNSS	Integrate GPS, Beidou, GLONASS and Galileo, Support AGPS

Data Collection

Camera

Rear Camera	Rear 13 MP Autofocus with flash
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NFC (optional)

Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2 - 4cm

Barcode Scanning (optional)

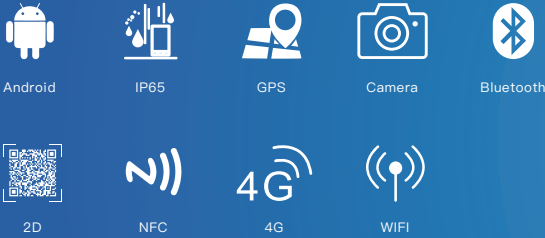
2D Scanner	Zebra: SE4710; CM60
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolologies	PDF417, Micro PDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

Optional accessories(See details in Accessory Guide)

USB Cable; Adapter; Charging Cradle, etc.

M-604.3

4 inch Rugged Handheld



Functions

- Support for Android 11 system
- Optional 4G all network communication, WiFi, Bluetooth and other communication modes
- Equipped with 4500mAh large capacity battery, the machine has a endurance of 16 hours
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Glonass, beidou(G+G+B), more accurate positioning
- With rear 13MP auto focus camera, you can easily collect your images and video information
- 2D, NFC and other functional modules to meet the application needs of multiple industries

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	162.4 x 72.8 x 19.4mm
Weight	250g
Device Color	black
LCD	4 inch IPS 16:9, 480x800, 300nits
Touch Panel	5 point G+FF capacitive touch screen Corning® Gorilla® Glass
Camera	Rear 13.0MP
I/O	USB Type-C x 1, TF Card x 1 max: 128G, SIM Card x 1 (Two out of three card holder), 6Pin back shell x 1, 2Pin machine button x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/2A

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.0 Transmission distance: 10m
4G (Optional)	GSM B2/B3/B5/B8 WCDMA B1/B2/B5/B8 TDS B34/B39 FDD B1/B2/B3/B4/B5/B7/B8/B13/B17/B20/B28AB TDD B38/B39/B40/B41
GNSS	Support GPS, Glonass, beidou(G+G+B)

Performance parameter	
CPU	ARM OCTA Core
OS	Android 11
RAM	4GB
ROM	64GB

Battery	
Capacity	3.8V/4500mAh
Type	External removable lithium ion battery
Endurance	16hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Reliability	
Operate Temperature	-10 °C ~ 55 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.2m

Data Collection	
NFC	Built-in, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocols Card reading distance: 4cm
2D	Support, Optical resolution: 5mil/ scan speed: 50 times/s

Application Range

The handheld terminal with RFID UHF technology is widely used, which can meet the application in retail, storage material management, finance, express delivery, medical and other fields.



Warehouse Management



Market



Express Industry



Pharmacy Management



M-Y401

Mobile Computer



Android



4G



WiFi



Bluetooth



1D Barcode



2D Barcode



NFC



UHF



Camera



GPS

M-Y401 is a new generation rugged handheld computer with robust performance. Built with Android 11 OS and Qualcomm Octa-Core processor, it supports 27 keys / 37 keys / 47 keys optional keypad, abundant accessories like trigger handle, and features powerful removable battery. And it delivers optional barcode scanning, RFID, NFC, etc. This mobile computer can fulfill applications in logistics, warehousing, retail, etc.



Specification

Physical Characteristics

Dimensions	202.0 x 72.5 x 32.0mm / 7.95 x 2.85 x 1.26in. (Device Weight for Argentina, Uruguay, Bolivia, Ecuador market: 342*404g, including battery)
Weight	370g / 13.05oz. (SE4710) ; 404g / 14.25oz. (SE4850) / 26 .05oz. / 738g (SE4850, UHF, pistol battery)
Keypad	Main keyboard (Optional) : 27 keys / 37 keys / 47 keys; Side keys: 2 scan keys + 2 volume keys + 1 user-defined key
Battery	6700 mAh removable main battery, 5200 mAh optional pistol battery, support QC3.0 and RTC; Built in 100mAh backup battery, supporting battery hot swap, improving reliability and ensuring user data security Standby: up to 680 hours (only main battery ; WiFi: up to 560h; 4G: up to 560h) Continuous use: over 12 hours (depending on user environment) Charging time: 3.5 hours (charge device by standard adaptor and USB cable)
Display	4-inch high definition display, TN α-Si 800*480
Touch Panel	Multi-touch panel, gloves and wet hands supported
Sensor	Accelerometer sensor, light sensor, proximity sensor, gravity sensor
Notification	Sound, LED indicator, vibrator
Audio	2 microphones, 1 for noise cancellation; 2 speakers; receiver
Card slot	1 slot for Micro SIM card, 1 slot for TF card
Interfaces	USB Type-C, USB 3.1, OTG, extended thimble

Performance

CPU	Qualcomm Snapdragon™662 Octa-core, 2.0 GHz
RAM+ROM	3 GB + 32 GB / 4 GB + 64 GB
Expansion	Supports up to 128 GB Micro SD card

Developing Environment

Operating System	Android 11; GMS, 90-day security updates, Android Enterprise Recommended, Zero-Touch, FOTA, SafeUEM supported. Committed support for a future upgrade to Android 12, 13, and Android 14 pending feasibility
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment

Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5% RH to 95% RH (non condensing)
Drop Specification	Multiple 1.8 m / 5.9 ft. drops (at least 20 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge

Communication

WLAN	Support 802.11 a/b/g/n/ac/ax-ready/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPV4, IPV6, 5G PA; Fast roaming: PMKID caching, 802.11r, OKC Operating Channels: 2.4G(channel 1~13), 5G(channel 36,40,44,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,144,149,153,157,161,165), Depends on local regulations Security and Encryption: WEP, WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, etc.
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Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Bluetooth 5.1
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna 2G: 850/900/1800/1900 MHz 3G: CDMA EVDO: BC0 WCDMA: 850/900/1900/2100 MHz TD-SCDMA: A/F(B34/B39) 4G: B1/B3/B5/B7/B8/B20/B38/B39/B40/B41
WWAN (Europe, Asia)	2G: 850/900/1800/1900MHz 3G: 850/900/1900/2100MHz 4G: Android 11: B2/B4/B5/B7/B8/B12/B13/B17/B28A/B28B/B38

Data Collection

Camera

Rear Camera	Rear 13 MP Autofocus with flash
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NFC

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

UHF (Optional)

Engine	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular Polarized Antenna (4 dBi)
Power	1W (30 dBm, +5 dBm to +30 dBm adjustable) 2W Optional (33 dBm, for Latin America, etc.)
Max Read Range	Impinj E710 chip: 27m (Impinj MR6 tag, size 70 x 15mm) 26m (Impinj M750 tag, size 70 x 15mm) 30m (Alien H3 Anti-Metal tag, size 130 x 42mm) Impinj R2000 chip: 22m (Impinj MR6 tag, size 70 x 15mm) 24m (Impinj M750 tag, size 70 x 15mm) 29m (Alien H3 Anti-Metal tag, size 130 x 42mm)
Fastest Read Rate	1250+ tags/sec
Communication Mode	Pin Connector

* Ranges are measured in the open outdoors and low interference environment, and rate is measured in a laboratory low interference environment, they are affected by tags and environment.

Barcode Scanning (optional)

2D Scanner	Zebra: SE4710/SE4750SR/SE4750MR/SE4750DP/SE4850; Honeywell: N6603/EX30
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

Optional accessories(See details in Accessory Guide)

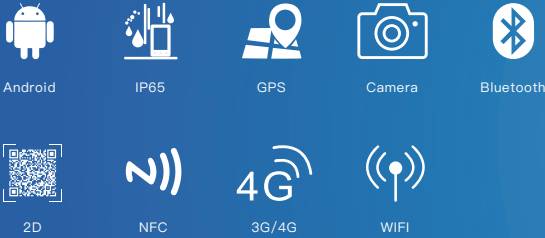
Separate handle with one button, Wrist Strap; Charging Cradle

Handle + battery (handle battery 5200 mAh, one button)

UHF back clip + handle (5200 mAh, one button)

M-605

5 inch Rugged Handheld



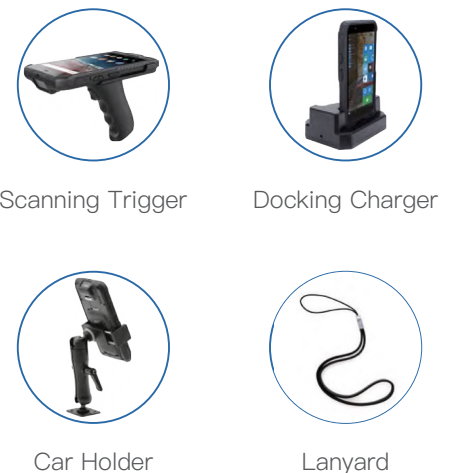
Functions

- Support for Android 11 system
- Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- Equipped with 4000mAh large capacity battery, the machine has a endurance of 10 hours
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Glonass, Beidou(G+G+B), more accurate positioning
- Support front 5 million and rear 13 million pixel auto focus camera
- 2D, NFC and other functional modules to meet the application needs of multiple industries

Product Six Views



Optional Accessories



Specification Parameter

Basic parameters	
Dimension	157.4 x 74.6 x 24.2mm
Weight	device unit 260g
Device Color	black
LCD	5 inch IPS 16:9, 720x1280, 350nits
Touch Panel	5 point G+FF capacitive touch screen Corning® Gorilla® Glass
Camera	Front 5MP Rear 13MP
I/O	USB Type-C x 1 SIM Card x 1 TF Card x 1 POGO PIN x 1 Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/2A
Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.0
3G/4G (Optional)	GSM B2/B3/B5/B8 WCDMA B1/B2/B5/B8 TDS B34/B39 FDD B1/B2/B3/B4/B5/B7/B8/B13/B17/B20/28AB TDD B38/B39/B40/B41
GNSS	Built-in GPS, Glonass, Beidou (G+G+B)

Performance parameter	
CPU	ARM OCTA Core
OS	Android 11
RAM	4GB
ROM	64GB
Battery	
Capacity	3.8V/4000mAh
Type	Li_polyment, removeable battery
Endurance	10hrs (default 50% volumn, default 200 lumens brightness, play 1080P video)
Reliability	
Operate Temperature	-10 °C ~ 55 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.2m
Data Collection	
NFC	Built-in, 13.56MHz, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092
2D	Support

Application Range

The handheld terminal with RFID UHF technology is widely used, which can meet the application in retail, storage material management, finance, express delivery, medical and other fields.



Warehouse Management



Market



Express Industry



Mobile Payment



M-Y551

Mobile Computer



M-Y551 is a highly expandable large-screen rugged handheld computer. Equipped with Qualcomm octa-core processor and Android 11 OS, C66 comes with a 5.5-inch HD display, barcode scanning, and NFC functions. The device supports quick charge and UHF sled for high extensibility. The premium Android 11 version offers optional fingerprint recognition, volume measurement, and built-in UHF functions and Wi-Fi 6 support for higher data throughput and security that fully satisfy the needs in logistics, warehouse, manufacturing, retail, etc. applications.



UHF
(option)



UHF Sled Reader
(option)



Pistol Grip
(option)

Specification

Physical Characteristics

Dimensions	160.0 x 76.0 x 15.5 / 17.0 mm
Weight	287 g (device with battery)
Keypad	1 power key, 2 scan keys, 2 volume keys, 1 PTT key
Battery	Removable main battery (normal version:4420 mAh ; Android 11.0 with fingerprint / built-in UHF / volume measurement version: 5200mAh) 5200 mAh optional pistol battery, support QC3.0 and RTC Standby: up to 490 hours (only main battery ; WiFi: up to 470h; 4G: up to 440h) Continuous use: over 12 hours (depending on user environment) Charging time: 2.5 hours (charge device by standard adaptor and USB cable)
Speaker	Support
Vibrator	Support
Microphone	2 Microphones, 1 for noise reduction
Display	5.5-inch high definition full display (18:9), IPS LTPS 1440 x 720
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Sensor	Gravity sensor, proximity sensor, light sensor, accelerometer sensor, vibration motor
Indicator LED	Power, charging, status indicator
Card slot	1 slot for Nano SIM card, 1 slot for Nano SIM or TF card
Interfaces	Android 11: USB Type-C, USB 3.1, OTG, extended thimble;

Performance

CPU	Android 11: Qualcomm Snapdragon™662 Octa-core, 2.0 GHz
RAM+ROM	3 GB + 32 GB / 4 GB + 64 GB
Expansion	Supports up to 128 GB Micro SD card

Developing Environment

Operating System	Android 11; GMS, built-in support for a future upgrade through Android 12 which complies with GMS and Android Enterprise Recommended
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment

Operating Temp.	-4°F to 122°F / -20 °C to +50 °C
Storage Temp.	-40°F to 158°F / -40 °C to +70 °C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.8 m / 5.91 ft. drops (at least 20 times) to the concrete across the operating temperature range Multiple 2.4 m / 7.87 ft. drops (at least 20 times) to the concrete after installed rubber bumper
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge

Communication

WWAN (Europe, Asia)	Support 802.11 a/b/g/n/ac/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPV4, IPV6, 5G PA; Fast roaming: PMKID caching, 802.11r, OKC
WWAN(America)	Operating Channels: 2.4G(channel 1~13), 5G(channel36,40,44,48,52,56,60,64,100,104,108,112,116,120,124,128,132, 136,140,144,149,153,157,161,165), Depends on local regulations
Vo-LTE	Security and Encryption: WEP, WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS,PEAP-GTC,etc.

WWAN (Europe, Asia)	2G: 850/900/1800/1900 MHz 3G: CDMA EVDO: BC0 WCDMA: 850/900/1900/2100MHz TD-SCDMA: A/F(B34/B39)
WWAN(America)	4G: B1/B3/B5/B7/B8/B20/B38/B39/B40/B41 2G: 850/900/1800/1900 MHz 3G: 850/900/1900/2100 MHz 4G: Android 11: B2/B4/B5/B7/B12/B13/B17/B28A/B28B/B38
Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Android 11: Bluetooth 5.1
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna

Data Collection

Camera

Rear Camera	Rear 13MP Autofocus with flash
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NFC

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

Barcode Scanning (Optional)

2D Scanner	Zebra: SE4710/SE2100; Honeywell: N6603; E3200; IA166S
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX),etc.

UHF1 (Optional)

Engine	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000
R/W range	Up to 15 m (open outdoors, Impinj MR6 tag)

*For detailed specification, please check C66 UHF part

UHF2 (Optional)

Engine	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000
R/W range	Up to 10 m (open outdoors, Impinj MR6 tag)

*For detailed specification, please check C66 UHF part

UHF3 (Optional, only Android 11, Built-in UHF)

Power	1 W (+19 dBm to +30 dBm adjustable)
R/W range	3 m

*For detailed specification, please check C66 UHF part

Fingerprint (Optional, only Android 11)

Sensor	Capacitive TCS1
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* For detailed specification, please check C66 Fingerprint part

Volume Measurement (Optional, only Android 11)

Measured distance	40m-4m
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* For detailed specification, please check C66 Volume Measurement part

Optional accessories(See details in Accessory Guide)

Separate handle with one button ; Handle + battery (handle battery 5200 mAh, one button) ;
UHF back clip + handle (5200 mAh, one button) ; Wrist Strap; Rubber Bumper; Charging Cradle

Specification (of optional equipment)

UHF1

UHF Back Clip



UHF2

M-Y551+Sled



UHF3

Built-in UHF



UHF1 (Optional)

Engine	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular Polarized Antenna (4 dBi)
Power	1W (30 dBm, +5 dBm to +30 dBm adjustable) 2W Optional (33 dBm, for Latin America, etc.)
R/W range	Up to 15 m (open outdoors, Impinj MR6 tag)
Fastest Read Rate	900+ tags/sec
Communication Mode	Pin Connector

UHF2 (Optional)

Engine	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular Polarized Antenna (3 dBi)
Power	1W (30 dBm, support +5~+30 dBm adjustable) 2W Optional (33 dBm, for Latin America, etc.)
R/W range	Up to 10 m (open outdoors, Impinj MR6 tag)
Fastest Read Rate	900+ tags/sec
Communication Mode	Pin Connector / Bluetooth

UHF3 (Optional, only Android 11, Built-in UHF)

Engine	CM510-1 module based on Impinj E510
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular polarization (-2.5 dBi)
Power	1 W (+19 dBm to +30 dBm adjustable)
R/W range	3 m

*Ranges and rates depend on tags and environment, built-in UHF version does not support pistol

Fingerprint



Fingerprint (Optional, only Android 11)

Sensor	TCS1
Sensing Area (mm)	12.8 × 18.0 ; 10.4 × 14.4
Resolution (dpi)	508 dpi, 8-bit greyscale
Certifications	FIPS 201, STQC
Format Extraction	ISO 19794, WSQ, ANSI 378, JPEG2000
Fake Finger Detection	Support by SDK
Security	AES, DES key encryption of the host communication channel

*Fingerprint version does not support pistol

Volume Measurement



Volume Measurement (Optional, only Android 11)

Sensor	IRS1645C
Measurement Error	<5%
Module	MD101D
Field of view Angle	D71°/H60°/V45°
Measurement speed	2s/ piece
Measured distance	40cm-4m

*Volume Measurement version does not support pistol



M-Y552

Mobile Computer



The new **M-Y552** is a high-performance and highly durable mobile computer. With Android 12 operating system, high-performance octa-core processor, optional large memory, 5.45-inch HD screen, 5000mAh removable battery, the excellent configuration delivers highly efficient operation. It supports optional barcode scanning, NFC, front and rear cameras and features IP68 protection rating, 1.5 meters drop resistance. This device perfectly adapts to applications for retail, logistics, warehousing, electricity, finance, transportation, manufacturing, etc. to help users significantly improve efficiency and obtain better return with less investment.



Specification

Physical Characteristics

Dimensions	160.0 x 75.0 x 16.4mm / 6.30 x 2.95 x 0.65in.
Weight	288g / 10.16oz (device with battery)
Display	5.45" , 1440 x 720
Touch Panel	Multi-touch panel, gloves and wet hands supported
Power	5000mAh removable main battery, support quick charge
Expansion Slot	1 slot for SIM card, 1 slot for SIM or TF card
Interfaces	USB Type-C, USB 2.0, OTG
Sensors	Light sensor, proximity sensor, gravity sensor
Notification	Sound, LED indicator, vibrator
Audio	2 microphones, 1 for noise cancellation; 2 speakers; receiver
Keypad	1 Power key, 2 scan keys, volume (+/-) keys

Performance

Operating System	Android 12
CPU	Cortex-A53 Octa-core, 2.0 GHz
RAM+ROM	3 GB + 32 GB / 2 GB + 16 GB
Expansion	Supports up to 128 GB Micro SD card

Communication

WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, 5G PA
WWAN	2G: GSM (B2 / B3 / B5 / B8) 3G: WCDMA (B1 / B2 / B4 / B5 / B8) TD-SCDMA (B34 / B39) 4G: FDD-LTE (B1 / B2 / B3 / B4 / B5 / B7 /B8 / B12 / B17 / B20 / B28A / B28B) TDD-LTE (B38 / B39 / B40 / B41)
Bluetooth	Bluetooth 5.0
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo
Vo-LTE	Support

User Environment

Operating Temp.	-4 °F to 122 °F / -20 °C to 50 °C
Storage Temp.	-40 °F to 158 °F / -40 °C to 70 °C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP68 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge

Developing Environment

SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

Data Collection

Camera

Rear Camera	13MP Autofocus with flash
Front Camera	5MP

Barcode Scanning (Optional)

2D Scanner	CM60
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

NFC

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

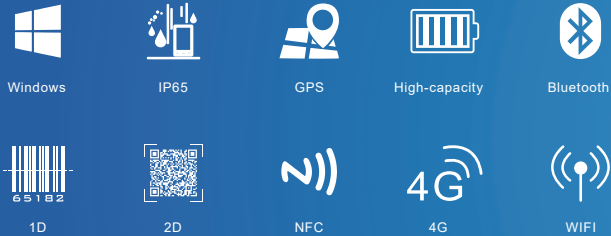
Accessories

Adaptor, USB Cable, Charging Cradle, etc.

* For detailed specification, please check Accessory Guide.

P-606

6 inch Rugged Handheld



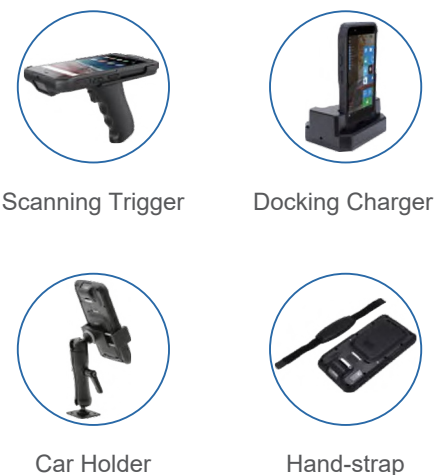
Functions

- Support for Windows 10 system
- Optional 4G all network communication, WiFi, Bluetooth and other communication modes
- Equipped with 5000mAh large capacity wide temperature battery, the machine has a endurance of 6-8 hours
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, more accurate positioning
- Equipped with front 2 million and rear 5 million pixel auto focus camera
- Support 1D / 2D, NFC and other functional modules to meet the application needs of multiple industries

Product Six Views



Optional Accessories



Specification Parameter

Basic parameters	
Dimension	185 x 94.6 x 28.5mm
Weight	device unit 380g
Device Color	black
LCD	5.98inch IPS 16:9, 1280x720, 430nits
Touch Panel	5 point G+FF capacitive touch screen Corning® Gorilla® Glass
Camera	Front 2.0MP Rear 5.0MP
I/O	USB Type-C x 1, SIM Card x 1, TF Card x 1, 4Pin machine button x 1 Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/2A
Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT4.2 Transmission distance: 10m
3G/4G (Optional)	LTE-FDD:B1/3/5/7/8/20 LTE-TDD:B40 WCDMA:B1/5/8 GSM:900/1800
GNSS	Built-in GPS

Performance parameter	
CPU	Intel Atom x5 Z8350
OS	Windows 10
RAM	4GB
ROM	64GB
Battery	
Capacity	3.7V/5000mAh
Type	Li_polyment, removeable battery
Endurance	7.5hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)
Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.2m
Data Collection	
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092 protocols Card reading distance: 4cm
1D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

Application Range

The handheld terminal with RFID UHF technology is widely used, which can meet the application in retail, storage material management, finance, express delivery, medical and other fields.



Warehouse Management



Market



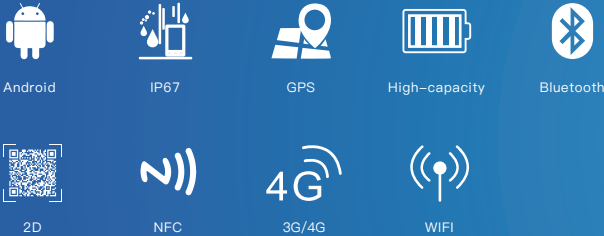
Express Industry



Electric Power Inspection

P-606.2

5.7" Rugged Handheld



Functions

- Support for Android 10 system
- Optional 3G / 4G all network communication, WiFi, Bluetooth and other communication modes
- Equipped with 5000mAh large capacity battery, the machine has a endurance of 12 hours
- IP67 high protection level, in accordance with MIL-STD-810G
- Support GPS / GLONASS / Beidou / Galileo, more accurate positioning
- Equipped with front 13 million and rear 16 million pixel auto focus camera
- 2D, NFC and other functional modules to meet the application needs of multiple industries

Product Six Views



Specification Parameter

Basic parameters	
Dimension	159.7 x 80 x 16.3mm
Weight	device unit 275g
Device Color	black
LCD	5.7 inch IPS 18:9, 720x1440, 420nits
Touch Panel	5 point G+FF capacitive touch screen Corning® Gorilla® Glass
Camera	Front 13.0MP Rear 16.0MP
I/O	USB Type-C x 1, TF Card x 1 max: 128G, SIM Card x 1 (Two out of three card holder)
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/2.5A
Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.0
3G/4G (Optional)	GSM B2/B3/B5/B8 WCDMA B1/B2/B4/B5/B8 TDD B38/B40/B41 FDD B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/ B19/B20/B28A/B28B/B18/B25/B26/B66
GNSS	Built-in GPS, GLONASS, Beidou, Galileo

Performance parameter	
CPU	MTK OCTA Core
OS	Android 10/GMS
RAM	4GB
ROM	64GB
Battery	
Capacity	3.8V/5000mAh
Type	Built-in Lithium-ion polymer battery
Endurance	12hrs (Default 50% volumn, Default 200 lumens brightness, Play 1080P video)
Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP67 certified, MIL-STD-810G certified
Drop Height	1.2m
Data Collection	
NFC	Built-in
2D	Support SE4710, Optional EM03

Application Range

The handheld terminal with RFID UHF technology is widely used, which can meet the application in retail, storage material management, finance, express delivery, medical and other fields.



Warehouse Management



Market



Express Industry



Electric Power Inspection

P-606.3

6 inch Rugged Handheld



Performance

- MediaTek Octa-core CPU with two Arm 'Big' Cores
- Android 12 OS and 4GB RAM+64GB storage
- 5.99 inch IPS screen with 5-point touch

Communication

- Dual 5G (SA/NSA) network support
- Dual-band Wi-Fi 5
- Upgrade BT 5.1, fast and more stable

Product Six Views



Function

- Professional 2D scanner an multi-function NFC
- Support GPS / GLONASS / GALILEO / BDS
- Equipped with multiple accessories, like docking charger, hand-strap, hanging rope

Reliability

- IP65 Waterproof and Dustproof
- Impact resistance: Drop from a height of 1.2 meters
- Built to operate in extreme temperatures, MIL-STD-810H certified

Specification Parameter

Basic parameters	
Dimension	164 x 80 x 14mm
Weight	255g
Device Color	black
LCD	5.99 inch IPS 18:9, 720x1440
Touch Panel	5 point G+FF capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB Type-C x 1, SIM Card, TF Card, Two out of three card holders (two nano SIM cards or one nano SIM card and one TF card) Charge Pogo Pin x 1, Extend Pogo Pin x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/2A
Battery	
Capacity	4500mAh/3.8V
Type	Removable polymer lithium ion battery
Endurance	8hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Data Collection	
NFC	Built-in, 13.56MHz, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092, ISO/IEC mifare
2D	Built-in
Fingerprint	Login fingerprint

Performance parameter	
CPU	MTK(5G-C) (OCTA Core)
OS	Android 12
RAM	4GB
ROM	64GB
Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.1
2G/3G/4G/5G (Optional)	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TDD: B38/B39/B40/B41 FDD: B1/B2/B3/B5/B7/B8/B20 5G: N1/N3/N5/N38/N41/N77/N78/N79
GNSS	GPS+GLONASS+Beidou+Galileo
Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.2m

Accessories



Docking Charger



Hand-strap



Lanyard



TP Resist film

Application Range

The handheld terminal with RFID UHF technology is widely used, which can meet the application in retail, storage material management, finance, express delivery, medical and other fields.



Warehouse Management



Market



Express Industry



Pharmacy Management



M-Y602

Handheld RFID Reader



M-Y602 is an upgraded all-in-one high-performance UHF RFID Reader. It has Integrated a self-developed Impinj E710/R2000 based UHF module which offers industry-leading UHF performance. It adopts an integrated design, provides more stable UHF performance, and delivers higher durability. The superior system configuration of the mobile computer features the Android 11 platform, octa-core processor, optional mass internal memory and a large capacity removable battery. It also supports 2D scanning, NFC, fingerprint recognition and other functions, which enables it to be widely used in scenarios like banking, public security, warehousing, retail, logistics and other industries.



Specification

Performance

CPU	Octa-core, 2.3GHz
RAM+ROM	3GB + 32GB / 4GB +64GB (Optional) / 6GB + 128GB (Optional)
Expansion	Supports up to 128GB Micro SD card
Operating System	Android 11

Communication

WLAN	802.11 a / b / g / n / ac, 2.4G / 5G dual-band
WWAN	2G: GSM (B2 / B3 / B5 / B8)
	3G: WCDMA (B1 / B2 / B4 / B5 / B8) CDMA2000 ECDO: BC0
	4G: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B17 / B20 / B28A / B28B / B38 / B39 / B40 / B41
Bluetooth	5.0
Vo-LTE	Support
GNSS	GPS / AGPS, GLONASS, BeiDou, Galileo

Physical Characteristics

Dimensions	177.0 x 80.2 x 14.8mm / 6.97 x 3.15 x 0.58in
Weight	598g / 21.09oz. (device with battery)
Display	5-inch (Fingerprint), 1280 x 720 / 6-inch, 2400 x 1080
Touch Panel	Multi-touch panel, gloves and wet hands supported;
Battery	6700mAh / 134000mAh removable pistol battery
	Built in 100mAh backup battery, supporting battery hot swap
Card slot	2 slots for PSAM card; 1 slot for Nano SIM card, 1 slot for Nano SIM or TF card
Interfaces	USB 2.0 Type-C, OTG, Type-C headphones supported
Audio	2 microphones, 1 for noise cancellation; 1 speakers; 1 receiver
Notification	Sound, LED indicator, vibrator
Keypad	1 power key, 2 scan keys, 1 user-defined key, 2 volume keys (+/-)
Sensor	Gravity sensor, proximity sensor, light sensor, geomagnetic sensor (optional), gyroscope (optional)

Developing Environment

SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment

Operating Temp.	-20 °C to 50 °C / 4 °F to 122 °F
Storage Temp.	-40 °C to 70 °C / -40 °F to 158 °F
Humidity	5%RH to 95%RH (non condensing)
Drop Specification	Multiple 1.5m / 5.9ft. drops (at least 28 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m / 1.64 ft. falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±15KV air discharge, ±8KV conductive discharge

Data Collection

Camera

Front camera	5MP
Rear camera	Rear 13MP Autofocus with flash

UHF

Protocol	EPCglobal Gen 2 (ISO18000-6C)
Frequency	865-868MHz / 920-925MHz / 902-928MHz
Engine	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000
Output power	1W (30dBm, +5dBm to +30dBm adjustable)
	2W Optional (33dBm, for Latin America, etc.)
Antenna	Circular polarization; 5dBi / 4dBi (NFC supported)
Fastest Read Rate	950+ tags / sec (Circular Polarized)

* Ranges and rates depend on tags and environment

Fingerprint (Optional)

Fingerprint	TLK1NC02
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NFC (Optional)

Frequency	13.56MHz
Protocol	ISO14443A / B, ISO15693, NFC-IP1, NFC-IP2 etc.
Chips	M1 card (S50, S70), CPU card, NFC tags etc.
Range	2-4cm

Barcode Scanning (Optional)

2D Scanner	Zebra: SE4710; Honeywell: N6603; CM60; CB300
1D Symbologies	UPC / EAN, Code128, Code39, Code93, Codef1, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX) etc.

Accessories

USB Cable, Adapter, Charging Cradle for device (optional), Charging Cradle for Pistol Battery (optional), etc.

* Please check details in accessories guide



M-Y603

Mobile Computer



M-Y603 is our newly launched 5G high-performance mobile computer. The top-of-the-class configuration comprises advanced Android 12, Qualcomm Snapdragon™ processor, and optional ultra-large memory. It integrates barcode scanning, NFC, dual camera, and multiple wireless data connections, as well as 6-inch HD screen, high-capacity removable battery and IP67 sealing. It can bring a new level of cost efficiency to a broad range of industries including retail, logistics, and warehousing.



Specification

Physical Characteristics

Dimensions	161.0 x 77.8 x 15.5mm / 6.34 x 3.06 x 0.61in.
Weight	280g / 9.88oz. (device with battery)
Keypad	Power key, 2 scan keys, volume (+/-) keys
Battery	5000mAh removable main battery, support QC3.0 and RTC
Display	6-inch high definition display (18:9), 1440 x 720
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Sensor	G_sensor, proximity sensor, light sensor, geomagnetic sensor, gyroscope
Notification	Sound, LED indicator, vibrator
Audio	2 microphones, 1 for noise cancellation; 1 speaker; 1 receiver
Card slot	1 for SIM card, 1 for SIM or TF card
Interfaces	USB Type-C, USB 3.1, OTG

Performance

CPU	Qualcomm Snapdragon™ 480 Octa-core, 2.0GHz
RAM+ROM	4GB + 64GB
Expansion	Supports up to 256GB TF card

Developing Environment

Operating System	Android 12;
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment

Operating Temp.	-4°F to 122°F / -20°C to +50°C
Storage Temp.	-40°F to 158°F / -40°C to +70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.5m / 4.92ft. drops (at least 28 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m / 1.64ft. falls at room temperature
Sealing	IP67 per IEC sealing specifications
ESD	±15KV air discharge, ±8KV conductive discharge

Communication

Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Bluetooth 5.1
GNSS	GPS / AGPS, GLONASS, BeiDou, Galileo, internal antenna
WLAN	Support 802.11 a/b/g/n/ac/ax-ready, 2.4G/5G dual-band, IPV4, IPV6, 5G PA;
	Fast roaming: PMKID caching, 802.11r, OKC
	Operating Channels: 2.4G (channel 1~13), 5G (channel 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165), Depends on local regulations
WWAN	Security and Encryption: WEP, WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, WPA3-Enterprise, WPA3-Enhanced Open, WPA3 Easy Connect, WPA3-Personal, etc.
	2G: 850/900/1800/1900MHz
	3G: 850/900/1900/2100MHz
	4G: B1/B2/B3/B5/B7/B8/B20/B28A/B28B/B34/B38/B39/B40/B41
	5G: N1/N3/N8/N28/N41/N78/N79

Data Collection

Camera

Rear Camera	16MP Autofocus with flash
Front Camera	5MP

NFC

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4cm

Barcode Scanning (Optional)

2D Scanner	Zebra: SE4710; CM60;
1D Symbologies	UPC / EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

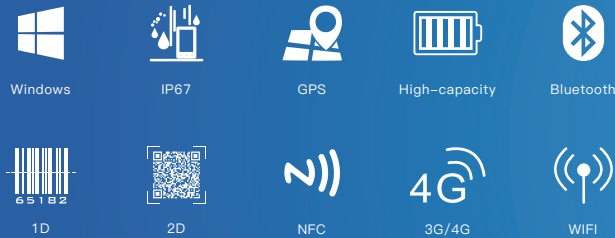
Optional Accessories

USB Cable, Adapter, Charging Cradle, Rugged Rubber Boot, etc.

*See details in accessory guide

T-608.2

8 inch Rugged Tablet PC



Functions

- Support for Windows 10 system
- Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 8500mAh battery, 8 hours of machine endurance
- IP67 high protection level, in accordance with MIL-STD-810G
- Support GPS, more accurate positioning
- Support 5 million pixel auto focus camera, easy to collect images and video information.
- Support 1D/2D, NFC and other functional modules for free selection

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	225.6 x 144.6 x 21.5mm
Weight	device unit 715g
Device Color	black
LCD	8 inch IPS 16:10, 800x1280, 450nits
Touch Panel	5 point G+G capacitive touch screen Corning® Gorilla® Glass
Camera	Front 2.0MP Rear 5.0MP
I/O	HDMI 1.4a x 1, USB 2.0 Type-A x 1, Micro USB x 1, SIM Card x 1, TF Card x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/3A

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT4.1
3G/4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
GNSS	Built-in GPS

Performance parameter	
CPU	Intel Atom x5 Z8350
OS	Windows 10
RAM	4GB
ROM	64GB (128GB optional)

Battery	
Capacity	3.7V/8500mAh (Optional 7800mAh, 4G)
Type	Built in polymer lithium ion battery
Endurance	8hrs(default 50% volumn, default 200 lumens brightness, play 1080P HD video)

Data Collection	
NFC	Optional, 13.56MHz, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092
1D	Optional, SE655E100R
2D	Optional, SE4710

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP67 certified, MIL-STD-810G certified
Drop Height	1.20 m

Accessories



Docking Charger



Hand-strap



Shoulder-strap



Back-strap



Leather Cover



Stylus



Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Instrument Testing



Manufacturing Industry



Medical Treatment

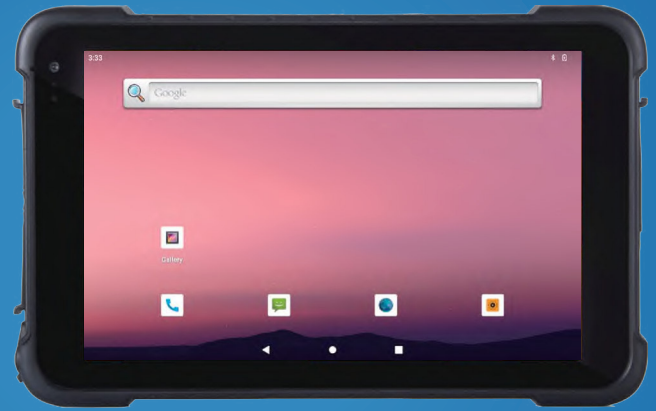
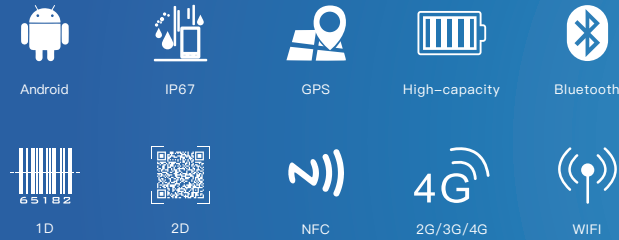
BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

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Email: sales@bt-autoid.com
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T-608.2 X

8 inch Rugged Tablet PC



Functions

- Support for Android 12 GMS system
- Support 2G/3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 8500mAh battery, 7 hours of machine endurance
- IP67 high protection level, in accordance with MIL-STD-810H
- Support GPS/Glonass, more accurate positioning
- Front 5 million, rear 13 million pixel autofocus camera for easy collection of working images and video information.
- Support 2D and other functional modules for free selection

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	225.6 x 144.6 x 21.5 mm
Weight	device unit 715 g
Device Color	black
LCD	8 inch IPS 16:10, 800x1280, 700 nits
Touch Panel	5 point G+G capacitive touch screen. Gorilla glass
Camera	Front 5.0MP Rear 13.0MP, autofocus with flash
I/O	USB 2.0 x 1, Type C x 1, SIM Card x 1, TF Card x 1 Max 512GB, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/3A

Communication	
WIFI	WIFI 802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT5.2 Transmission distance: 10m
2G/3G/4G	LTE FDD: B1/B2/B3/B4/B5/B7/B8/B17/B28A&B LTE TDD: B38/B39/B40/B41N WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
GNSS	Support GPS/Glonass

Performance parameter	
CPU	ARM (OCTA Core)
OS	Android 12 GMS
RAM	8GB
ROM	128GB

Battery	
Capacity	3.7V/8500mAh
Type	Built in polymer lithium ion battery
Endurance	7hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Data Collection	
NFC	Support, 13.56MHz, Support ISO/IEC 14443A protocol Card reading distance: 4cm
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP67 certified, MIL-STD-810H certified
Drop Height	1.22m

Accessories



Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



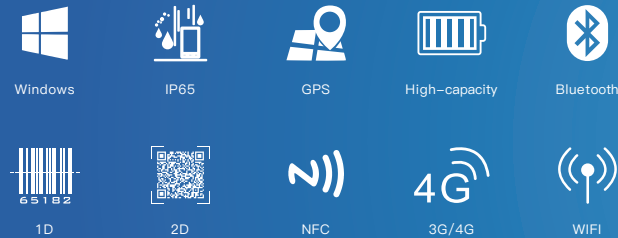
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Web: www.bt-autoid.com

T-608.4

8 inch Rugged Tablet PC



Functions

- Support for Windows 10 system
- Integrated 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 6000mAh battery, 6 hours of machine endurance
- IP65 high protection level, in accordance with MIL-STD-810G
- Optional GPS, more accurate positioning
- Support 5 million pixel auto focus camera, easy to collect images and video information
- Support 1D/2D, NFC and other functional modules for free selection

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	227.5 x 150 x 21mm
Weight	device unit 680g
Device Color	black
LCD	8inch IPS 16:10, 800*1280
Touch Panel	5 points Capacitive, G+G, Corning Gorilla Glass
Camera	Front 2.0MP Rear 5.0MP
I/O	USB 2.0 x 1, Micro USB x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1 (Optional), Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz output DC 5V/3A
GPS	Optional GPS

Optional modules	
NFC	Support ISO/IEC 14443A/14443B/15693/18092/mifare protocol Card reading distance: 4cm
1D	MOTO SE655E100R, Optical Position: 5mil, Scan speed: 50 times/s
2D	Honeywell N3680, Optical Position: 5mil, Scan speed: 50 times/s

Performance parameter	
CPU	Intel Cherry trail Z8350
OS	Windows 10
RAM	4GB LPDDR3
ROM	64GB

Battery	
Capacity	3.7V/6000mAh
Type	Built-in Li-polymer battery
Endurance	6hrs(50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Network connections	
WIFI	2.4G+5.8G dual frequency, WIFI 802.11(a/b/g/n/ac)
Bluetooth	BT4.2 (BLE) class 1 Transmission distance : 10m
3G/4G	LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B2/B5/B8 GSM: 850/900/1800/1900MHz

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
IP Grade	IP65

Optional Accessories



TP Resist film



Docking Charger



Hand-strap



Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Equipment Testing



Industrial Automation



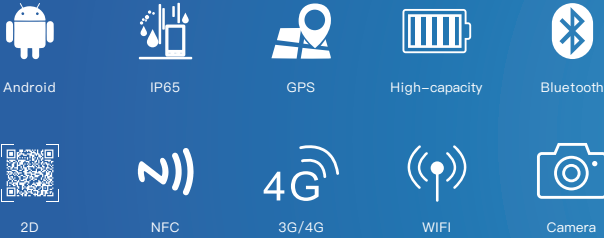
Vehicle



Medical Care

T-608.4 X

8 inch Rugged Tablet PC



Functions

- Support for Android 12 (GMS) system
- Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 6000mAh battery, 7 hours of machine endurance
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Glonass, more accurate positioning
- Support 13 million pixel auto focus camera, easy to collect images and video information
- Support 2D, NFC and other functional modules for free selection

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	227.7 x 150.8 x 24.7mm
Weight	device unit 680g
Device Color	black
LCD	8 inch IPS 16:10, 800x1280 FHD, 700nits
Touch Panel	5 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB 2.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/3A

Communication	
WiFi	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.2, Transmission distance: 10m
2G/3G/4G (Optional)	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TDD: B38/B39/B40/B41N FDD: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28a/B28b
GNSS	Built-in GPS/Glonass

Performance parameter	
CPU	ARM (Octa-Core), 2.0GHz
OS	Android 12 (GMS)
RAM	8GB
ROM	128GB

Battery	
Capacity	3.7V/6000mAh
Type	Built-in Li-polymer battery
Endurance	7hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Data Collection	
NFC	Built-in, 13.56MHz, Support ISO/IEC 14443A protocol Card reading distance: 4cm
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Accessories



Docking Charger



Hand-strap



Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Equipment Testing



Industrial Automation



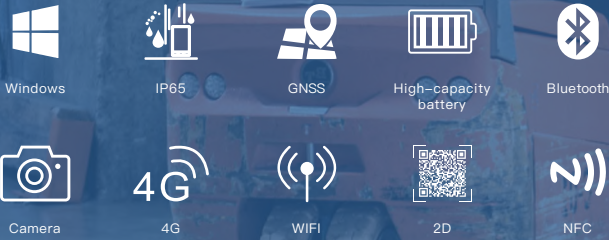
Vehicle



Medical Care

T-608.7 J

8 inch Rugged Tablet PC



Performance

- Intel Jasper Lake processor Celeron N5100
- 8 inch IPS screen, 1920x1200 TFT, 550nits
- 5-point capacitive touch

Communication

- High speed communication as 2.4G/5.8G WIFI, 4G LTE, BT5.0 and etc
- Efficient file transfer rely on advanced USB 3.0 I/O port
- Optional high performance 2D imager designed to data capture

Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Symmetric speakers. More immersive, more clear
- User-friendly buttons designed for efficient action

Reliability

- Enhanced rugged corners withstand shock and impact
- IP65 Waterproof and Dustproof, MIL-STD-810G certified
- Removable 5000mAh battery & New battery-free working mode

Product Six Views



Specification Parameter

Basic parameters	
Dimension	236.7 x 155.7 x 20mm
Weight	device unit 910g
Device Color	black
LCD	8 inch TFT 16:10, 1920x1200, 550nits
Touch Panel	5 point capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card, TF Card (Three in one card holder), HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C 19V/3.42A

Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 10
RAM	4GB, Optional 8GB
Storage	64GB, Optional 128GB

Battery	
Capacity	5000mAh/7.6V
Type	Removable Li-polymer battery
Endurance	7hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20, LTE-TDD: B40 WCDMA: B1/B5/B8, GSM: B3/B8
GNSS	Support, GPS, Glonass

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop

Data Collection	
2D	Optional
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocol Card reading distance: 4cm

Accessories



Docking Charger



Hand-strap



Car Charge



Vehicle Mount



TP Resist film

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



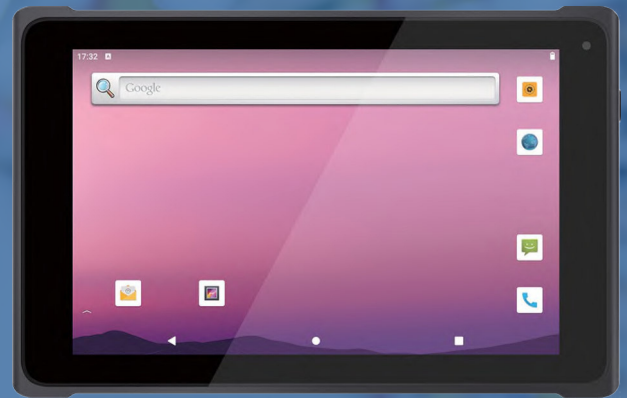
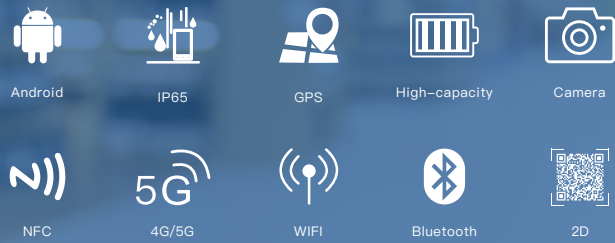
Finance



Animal Husbandry

T-608.9 M

8 inch Rugged Tablet PC



Performance

- ARM Octa-core CPU with two Arm 'Big' Cores
- Android 11 OS and 4GB RAM+64GB storage (optional 6GB+128GB)
- 8 inch IPS screen with 10-point touch

Communication

- Dual 5G (SA/NSA) network support
- High speed 4G LTE and dual-band Wi-Fi 5
- Upgrade BT 5.1, fast and more stable

Product Six Views



Function

- Professional 2D scanner an multi-function NFC
- Support GPS / GLONASS / GALILEO / BDS
- Equipped with multiple accessories, like docking charger, hand-strap

Reliability

- IP65 Waterproof and Dustproof
- Impact resistance: Drop from a height of 1 meter
- Built to operate in extreme temperatures

Specification Parameter

Basic parameters	
Dimension	219 x 139 x 12.5mm
Weight	524g
Device Color	black
LCD	8 inch IPS 16:10, 1200x1920, 550nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB Type-C x 1, SIM Card x 2, TF Card x 1, (Two out of three Cato) 12pins Pogo Pin x 1
Power	USB Type-C interface, support fast charging PE + 2.0, Maximum Power 18W, Maximum 9V/2A.
Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5.0G or 5.1G+5.8G)
Bluetooth	BT5.1
2G/3G/4G/5G (Optional)	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TDD: B34/B38/B39/B40/B41 FDD: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28a/B28b 5G: N1/N3/N5/N28/N38/N41/N77/N78/N79
GNSS	Built-in GPS/Galileo/GLONASS/BeiDou(G+G+G+B)

Performance parameter	
CPU	ARM (5G-C) (OCTA Core)
OS	Android 11/GMS
RAM	4GB/6GB
ROM	64GB/128GB
Battery	
Capacity	3.8V/7200mAh
Type	Built-in Li-polymer battery
Endurance	8hrs (50% volume sounds, 550 lumens brightness, 1080P HD video display by default)
Data Collection	
NFC	Built-in, 13.56MHz, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092
2D	Optional (choose one from 5G)
Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Drop Height	1.22m

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Instrument Testing



Manufacturing Industry



Medical Treatment

T-608.9 Q

8 inch Rugged Tablet PC



Performance

- ARM OCTA CPU with up to 2.4 GHz
- Windows 11 OS, optional 4GB + 64GB
- 8 inch IPS screen with 10-point touch

Communication

- Dual band WIFI 2.4G/5.0G(5.1G/5.8G)
- High speed 4G LTE
- Upgrade BT 5.1, fast and more stable

Function

- Professional 2D scanner
- Support GPS high-accuracy positioning
- Equipped with multiple accessories, like docking charger, hand-strap

Reliability

- IP65 Waterproof and Dustproof
- Impact resistance: Drop resistant Up To 1.22 m
- Built to operate in extreme temperatures

Product Six Views



Specification Parameter

Basic parameters	
Dimension	219 x 139 x 12.5 mm
Weight	524 g
Device Color	black
LCD	8 inch IPS 16:10, 1200x1920, 550 nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP, Auto focus
I/O	Type C (USB3.0/OTG) x 1, SIM Card x 1, TF Card x 1 Max: 512GB, (Two out of three Cato) 12pins Pogo Pin x 1
Power	USB Type-C interface, Voltage stabilization 12V/3A, 36W

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G/5.0G or 5.1G/5.8G) Support AP seamless roaming
Bluetooth	BT5.1 Transmission distance: 10 m
2G/3G/4G (Optional)	European version frequency band: GSM: NA WCDMA: B1/B3/B5/B8 FDD: B1/B3/B5/B7/B8/B20/B28(a/b) TDD: B38/B39/B40/B41 Optional, American version band: GSM: NA WCDMA: B2/B4/B5 FDD: B2/B4/B5/B12/B13/B14/B17/B25/B26/B30/B66/B71 TDD: B38/B41
GNSS	Built-in GPS Optional, software enables single GPS+BeiDou+Galileo/ GLONASS mode

Performance parameter	
CPU	ARM OCTA Core
OS	Windows 11
RAM	4GB (optional) /8GB
ROM	64GB (optional) /128GB

Battery	
Capacity	3220mAh/7.6V
Type	Built-in Li-polymer battery
Endurance	10.5 hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Data Collection	
2D	Optional, Optical resolution: ≥3 mil scan speed: 75 times /s Code system: 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM128, Plessey, MSL_x005f_x005f_x005f_x005f_x0002_Plessey 2D: PDF417, QR Code, Micro QR, Data Matrix

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Drop Height	1.22 m

Application Range

Various modules and accessories can be selected to meet customers' applications in various industries.



Manufacturing Industry



Banking Finance



Animal Husbandry



Outdoor Exploration



T-Y800

8" Rugged Tablet PC



The device with abundant functions is an Android 9 rugged tablet. With its powerful Qualcomm CPU, 8 inch high-definition screen, 8000 mAh battery and comprehensive data capture options like UHF RFID, barcode scanning, HF RFID/NFC, fingerprint recognition, etc., you can find this easy-to-deploy device a valuable helper to increase productivity in retail, logistics, warehousing, identity verification, meter reading, etc.



Specification

Physical Characteristics

Dimensions	250.8 x 152.0 x 15.0 mm / 9.87 x 5.98 x 0.59 in. (for standard version)
Weight	700 g / 24.69 oz. (for standard version)
Display	8" IPS LTPS 1920 x 1200 / IPS LTPS 1280 x 800
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Power	Main battery: Li-ion, rechargeable, 8000 mAh Standby: over 500 hours Continuous use: over 10 hours (depending on user environment) Charging time: 5-7 hours (with standard AC adaptor and USB cable)
Expansion Slot	1 slot for Micro SIM card, 1 slot for Micro SIM / TF card, Optional dual PSAM card slots
Interfaces	USB 2.0 Type-C, OTG
Sensors	Accelerometer sensor; geomagnetic sensor, gyroscope
Notification	Sound, LED indicator
Audio	1 microphone; 1 speaker; receiver
Keypad	1 front key, 1 volume key, 1 power key, direction key (Optional)

Performance

CPU	Qualcomm 1.8 GHz Octa-core
RAM+ROM	3 GB + 32 GB 4 GB + 64 GB (optional)
Expansion	Supports up to 128 GB Micro SD card

Developing Environment

Operating System	Android 9; GMS, 90-day security updates, Android Enterprise, Zero-Touch, FOTA, Soti MobiControl, SafeUEM supported
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment

Operating Temp.	-4 °F to 122 °F / -20 °C to 50 °C
Storage Temp.	-40 °F to 158 °F / -40 °C to 70 °C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.5 m / 4.92 ft. drops to concrete across the operating temperature range
Tumble Specification	500 x 0.5 m / 1.64 ft falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge

Communication

WLAN	Support 802.11 a/b/g/n/ac/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPV4, IPV6; Fast roaming: PMKID caching, 802.11r, OKC; Operating Channels: 2.4G(channel 1~13), 5G(channel 36,40,44,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,144,49,153,157,161,165), Depends on local regulations; Security and Encryption: WEP/WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, etc.
WWAN (Europe, Asia)	2G: 850/900/1800/1900MHz, GPRS, EDGE 3G: CDMA EVDO: BC0 TD-SCDMA: B34/B39 WCDMA: B1/B5/B8 4G: TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/B20
WWAN(America)	3G: B2/B4/B5 4G: FDD-LTE: B2/B4/B5/B7/B12/B13/B17/B28A/B28B

Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+EDR
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna

Data Collection

Camera

Rear Camera	13 MP Autofocus with flash
Front Camera	5 MP

Barcode Scanning (Optional)

Scan Engine	Zebra SE4710 (standard) , Zebra SE4850 (optional)
1D Symbolgies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolgies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch, Postal (KIX), etc.

RFID (Optional)

UHF

Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
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* For detailed specification, please check P80 UHF part.

NFC (Optional)

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

Fingerprint (Optional)

Option 1

Sensor	TCS1 Capacitive
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Option 2

Sensor	Optical Morpho CBM-E3
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* For detailed specification, please check P80 Fingerprint part.

InfraRed (Reserved)

Wavelength	940 nm
Frequency	38 kHz
Range	Up to 4 m
Protocol	DLT_645-2007, DLT_645-1997

PSAM (Optional)

Card slot	2 PSAM card slots
Protocol	ISO7816

Accessories (See details in Accessory Guide)



AC Adaptor



USB Cable



Wristband



Pistol(Optional)

UHF

Deliver Better-than-ever UHF Performance



Specification

UHF 1/2 (Optional)

Engine	Module based on Impinj E710 Module based on Impinj E510 Module based on Impinj Indy R2000
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular polarization (UHF 1, 4 dBi ; UHF 2, 3 dBi)
Power	1W (30 dBm, +5 dBm to +30 dBm adjustable) 2W Optional (33dBm, for Latin America, etc.)
R/W range	UHF 1: Up to 15 m ; UHF 2: Up to 10 m (open outdoors, Impinj MR6 tag);
Fastest Read Rate	900+ tags/sec

* Ranges and rates depend on tags and environment.

UHF 3 (Built-in UHF, optional)

Engine	Based on Impinj E310 Based on Impinj Indy R500
Frequency	865-868 MHz / 920-925 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	0 dBi
Power	1W (30 dBm, +5 dBm to +30 dBm adjustable)
R/W range	30 cm

* Ranges and rates depend on tags and environment.

Biometrics

Accurate Fingerprint Reading and Facial Recognition



Specification

Fingerprint (Optional)

Option 1

Sensor	TCS1 Capacitive
Sensing Area (mm)	12.8 x 18.0; 10.4 x 14.4
Resolution (dpi)	508 dpi, 8-bit greylevel
Certifications	FIPS 201, STQC
Format Extraction	ISO 19794, WSQ, ANSI 378, JPEG2000
Fake Finger Detection	Support by SDK
Security	AES, DES key encryption of the host communication channel

Option 2

Sensor	Optical Morpho CBM-E3
Sensing Area (mm)	14 x 22
Resolution (dpi)	500 dpi, 256 greylevel
Certifications	FIPS PIV IQS / ISO 19794-4, MINEX & FIPS 201 complaint, STQC
Format Extraction	ISO 19794-2/4, WSQ, ANSI 378, etc.
Fake Finger Detection	Latex, GeLatin, Plasticine, Kapton, Transparent Film, Silicone, Rubber, Play-doh, Graphite Or Paper
Security	FIPS 140-2 level 2, multiple security methods available, including image and templates encryption, template signature, secure tunneling, etc.

T-610.2 J

10.1 inch Rugged Tablet PC

New upgrade, new experience



Performance

- Intel Jasper Lake processor Celeron N5100
- 10.1 inch IPS screen, 1920x1200
- 10-point capacitive touch

Communication

- 2.4G/5.8G Dual band WIFI
- High speed 4G LTE
- BT 5.0 fast transmission

Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Support GPS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.2m drop resistant
- MIL-STD-810G certified

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	280.4 x 187 x 26.6mm
Weight	device unit 1014g
Device Color	black
LCD	10.1 inch 16:10, 1920x1200, 400nits
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	HDMI 1.4a x 1, USB Type-C x 1, USB 3.0 Type-A x 1, SIM Card x 1, TF Card x 1, 12pins Pogo Pin x 1, DB9 RS232 x 1, RJ45 x 1, Φ3.5mm standard earphone jack x 1, Φ4mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, DC 19V/3.42A
Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 4GB
Storage	128GB, Optional 64GB/256GB

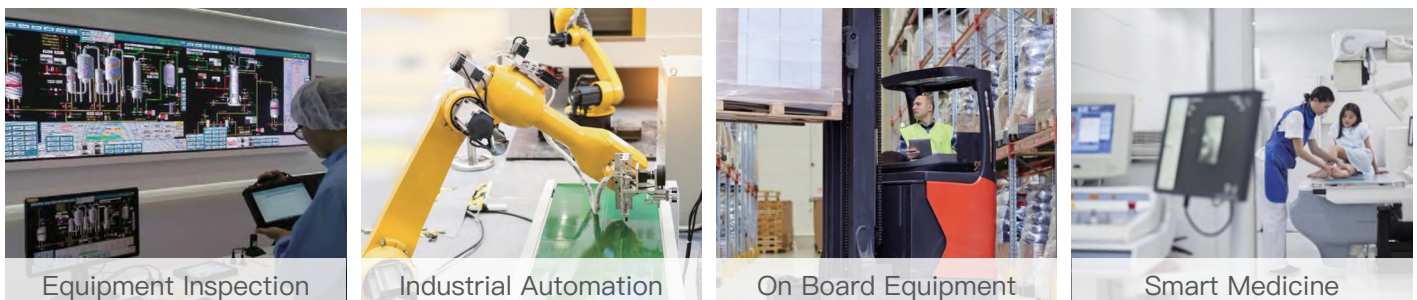
Battery	
Capacity	5000mAh/7.6V
Type	Removable Li-polymer battery
Endurance	6hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0
2G/3G/4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8, GSM: B3/B8
GNSS	Built-in, GPS, Glonass
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.2m drop
Data Collection	
1D	Optional
2D	Optional
NFC	Optional

Accessories



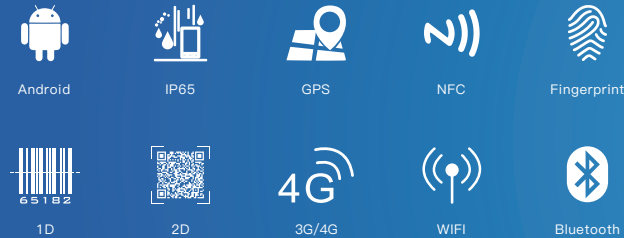
Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



T-610.2 Q

10.1 inch Rugged Tablet PC



Functions

- Support for Android 10 system
- Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 10000mAh battery, 12 hours of machine endurance
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Glonass, more accurate positioning
- Rear 13 million pixel auto focus camera, easy to collect image and video information
- Support 1D/2D, NFC, Fingerprint and other functional modules for free selection

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters

Dimension	280.4 x 187 x 26.6mm
Weight	device unit 1014g
Device Color	black
LCD	10.1 inch IPS 16:10, 800x1280/1200x1920
Touch Panel	10 point G+G capacitive touch screen Corning® Gorilla® Glass
Camera	Front 5.0MP Rear 13.0MP
I/O	HDMI 1.4a x 1, USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, 12pins Pogo Pin x 1, DB9 RS232 x 1, RJ45 x 1, Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/3A

Communication

WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT4.1
2G/3G/4G (Optional)	CMCC 4M: LTE B1/B3/B5/B7/B8/B20/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8
GNSS	Built-in GPS+Glonass

Performance parameter

CPU	Qualcomm(OCTA Core), 2.0GHz
OS	Android 10
RAM	4GB
ROM	64GB

Battery

Capacity	3.7V/10000mAh
Type	Li_polyment, removeable battery
Endurance	12hrs(default 50% volumn, default 200 nit, play 1080P HD video)

Data Collection

NFC	Built-in, ISO/IEC 14443A
1D	Optional, MOTO SE655E100R
2D	Optional, EM80
Fingerprint	Optional, FPC1020

Reliability

Operate Temperature	-20 °C ~ 55 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Accessories



Docking Charger



Removable Battery



Hand-strap



Back-strap



Leather Cover



Stylus



Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Equipment Testing



Industrial Automation



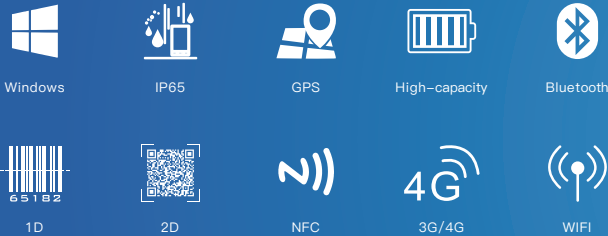
Vehicle



Medical Treatment

T-610.4

10.1 inch Rugged Tablet PC



Functions

- Support for Windows 10 system
- Integrated 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 8000mAh battery, 6–8 hours of machine endurance
- IP65 high protection level, in accordance with MIL–STD–810G
- Optional GPS, QZSS, GLONASS, more accurate positioning
- Support 5 million pixel auto focus camera, easy to collect images and video information
- Support 1D/2D, NFC and other functional modules for free selection

Product Six Views



Specification Parameter

Basic parameters	
Dimension	275.5 x 187.5 x 22mm
Weight	device unit 1000g
Device Color	black
LCD	10.1inch IPS 16:10, 800*1280
Touch Panel	multiple points Capacitive, G+G
Camera	Front 2.0MP Rear 5.0MP
I/O	USB 2.0 x 1, Micro USB x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz output DC 5V/3A
GPS	Optional GPS, QZSS, glonass

Optional modules	
NFC	Support ISO/IEC 14443A/14443B/15693/18092/mifare protocol, Card reading distance: 4cm
1D	MOTO SE655E100R, Optical Position: 5mil, Scan speed: 50 times/s
2D	Honeywell N3680, Optical Position: 5mil, Scan speed: 50 times/s

Performance parameter	
CPU	Intel Cherry Trail Z8350
OS	Windows 10
RAM	4GB LPDDR3
ROM	64GB

Battery	
Capacity	3.7V/8000mAh
Type	Built-in Li-polymer battery
Endurance	8hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Network connections	
WIFI	2.4G+5.8G dual frequency, WIFI 802.11(a/b/g/n/ac)
Bluetooth	BT4.2 (BLE) class1 transmission distance: 10m
3G/4G	LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B2/B5/B8 GSM: 850/900/1800/1900MHz

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
IP Grade	IP65

Optional Accessories



Docking Charger



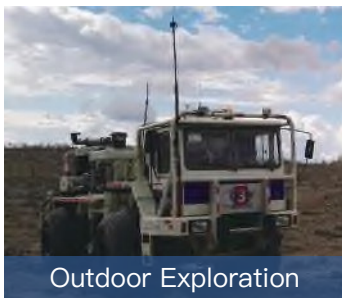
Hand-strap



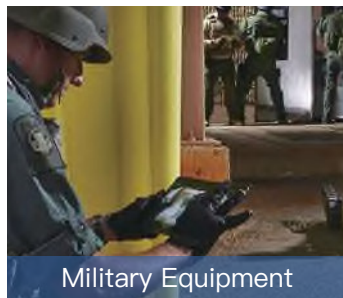
Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



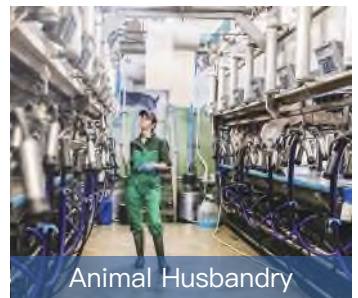
Outdoor Exploration



Military Equipment



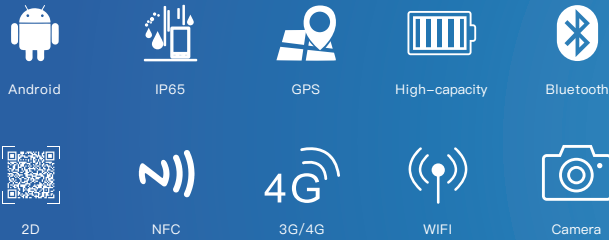
Finance



Animal Husbandry

T-610.4 X

10.1 inch Rugged Tablet PC



Functions

- Support for Android 12 (GMS) system
- Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 8000mAh battery, 9 hours of machine endurance
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Glonass, more accurate positioning
- Support 13 million pixel auto focus camera, easy to collect images and video information
- Support 2D, NFC and other functional modules for free selection

Product Six Views



Specification Parameter

Basic parameters	
Dimension	275.7 x 187.5 x 24.5mm
Weight	device unit 1000g
Device Color	black
LCD	10.1 inch IPS 16:10, 800x1280, 700nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB 2.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/3A

Communication	
WIFI	WIFI 802.11 b/g/n/a/ac, 2.4G+5G dual-band WIFI
Bluetooth	BT5.2, Transmission distance: 10m
2G/3G/4G (Optional)	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TDD: B38/B39/B40/B41N FDD: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28a/B28b
GNSS	Built-in GPS/Glonass

Performance parameter	
CPU	ARM (Octa-Core), 2.0GHz
OS	Android 12 (GMS)
RAM	8GB
ROM	128GB

Battery	
Capacity	3.7V/8000mAh
Type	Built-in Li-polymer battery
Endurance	9hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Data Collection	
NFC	Built-in, 13.56MHz, Support ISO/IEC 14443A protocol Card reading distance: 4cm
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Accessories



Docking Charger



Hand-strap



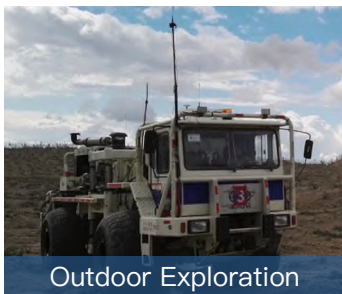
Vehicle Mount



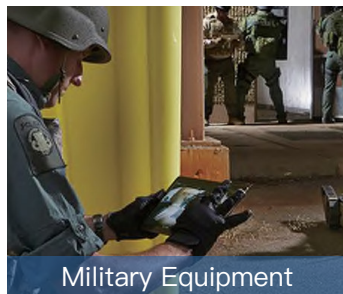
5V3A Car Charge

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



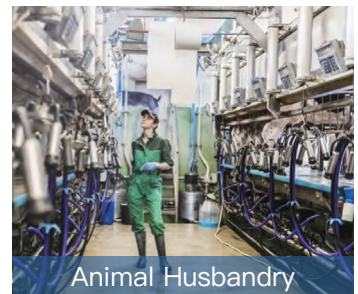
Outdoor Exploration



Military Equipment



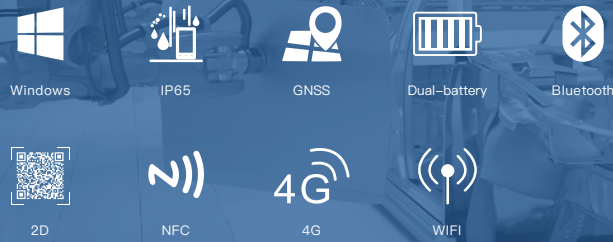
Finance



Animal Husbandry

T-610.6 J

10.1 inch Rugged Tablet PC



Performance

- Intel Celeron quad-core processor (up to 2.90 GHz)
- Windows 11 OS and 8GB RAM + 128GB storage
- 10.1 inch IPS Full HD screen with 10-point capacitive touch

Communication

- 2.4G/5.8G Dual band WIFI
- High speed 4G LTE
- BT 5.0 fast transmission

Features

- Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0)
- Support GPS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	289.9 x 196.7 x 27.4mm
Weight	device unit 1140g
Device Color	black
LCD	10.1 inch IPS 16:10, 1200x1920, 700nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocol Card reading distance: 4cm
Fingerprint	Standard
Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Battery	
Capacity	7.4V/5000mAh
Type	Removable Li-polymer battery
Endurance	5.5hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Accessories



Docking Charger



Hand-strap



Vehicle Mount



Car Charge



Removable Battery



Carry handle

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



Finance

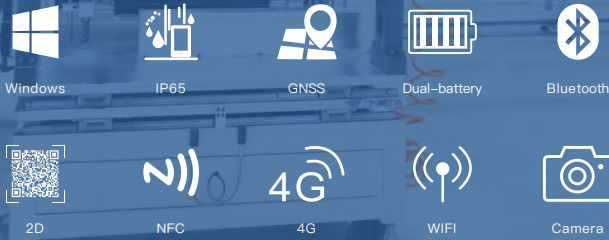


Animal Husbandry

Performance parameter	
CPU	Intel® Celeron® Processor N5105
OS	Windows 11
RAM	8GB, Optional 16GB
Storage	128GB
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20 LTE TDD:B40, WCDMA: B1/B5/B8 GSM: 900/1800
GNSS	Support GPS, glonass
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop
Extension modules (1 out of 4)	
Ethernet interface	RJ45 (10/100M) x 1
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

T-610.6 A

10.1 inch Rugged Tablet PC



Performance

- Intel Core i5-1235U/i7-1255U processor
- Windows 11 OS and 8GB RAM + 128GB storage
- 10.1 inch IPS Full HD screen with 10-point capacitive touch

Communication

- 2.4G/5.8G Dual band WIFI 6
- High speed 4G LTE
- BT 5.1 fast transmission

Features

- Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0)
- Support GPS, BDS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

Reliability

- IP65 Waterproof and Dustproof, Anti-Static
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	289.9 x 196.7 x 27.4 mm
Weight	device unit 1140 g
Device Color	black
LCD	10.1 inch IPS 16:10, 1200x1920, 700nits/400nits
Touch Panel	10 point G+F+F capacitive touch screen
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional, 13.56 MHz, Card reading distance: 4 cm
Fingerprint	Standard
RTC battery	3V/210mAh
Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Battery	
Capacity	7.4V/5000mAh
Type	Removable Li-polymer battery
Endurance	4.5h (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Accessories



Docking Charger



Hand-strap



Vehicle Mount



Car Charge



Removable Battery



Carry handle

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



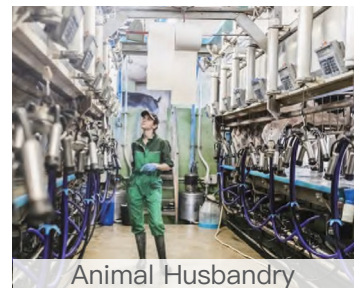
Outdoor Exploration



Manufacturing Industry



Finance



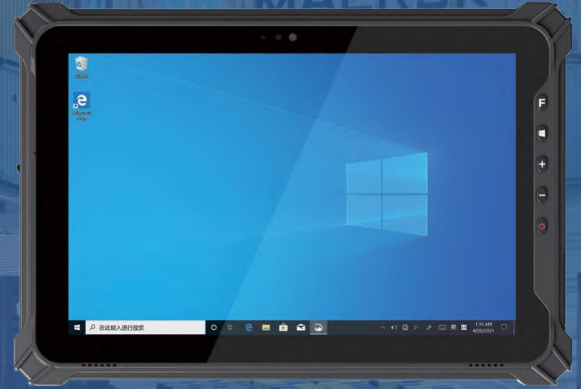
Animal Husbandry

Performance parameter	
CPU	Intel Core i5-1235U/i7-1255U
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 16GB, Up to 64GB
Storage	128GB, Optional 256GB, Up to 512GB
Network connections	
WIFI	Wi-Fi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax (2.4G/5.8G)
Bluetooth	BT5.1 Transmission distance: 10 m
4G (Optional)	LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: 900/1800
GNSS	Support GPS, Glonass, Optional Beidou
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop
Electrostatic Discharge	± 8kV contact discharge, ± 15kV air discharge
Extension modules (1 out of 4)	
Ethernet interface	RJ45 (10/100/1000M) x 1
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

T-610.7 J

10.1 inch Rugged Tablet PC

- Windows
- IP65
- GNSS
- High-capacity battery
- Bluetooth
- Camera
- 4G
- WIFI
- 2D
- NFC



Performance

- Intel Jasper Lake processor Celeron N5100
- 10.1 inch IPS screen, 1920x1200 TFT
- 10-point capacitive touch

Communication

- Extension interface (3 choose 1, RJ45, DB9, USB Type-A)
- Efficient file transfer rely on advanced USB 3.0 I/O port
- Optional high performance 2D imager designed to data capture

Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Symmetric speakers. More immersive, more clear.
- User-friendly buttons designed for efficient action

Reliability

- Enhanced rugged corners withstand shock and impact
- IP65 Waterproof and Dustproof, MIL-STD-810G certified
- Removable 5000mAh battery & New battery-free working mode

Product Six Views



Specification Parameter

Basic parameters	
Dimension	274.9 x 188.7 x 23.1mm
Weight	device unit 1140g
Device Color	black
LCD	10.1 inch TFT 16:10, 1920x1200
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card, TF Card (Three in one card holder), HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1
Extension interface (3 choose 1)	RJ45 (10/100M) x 1, DB9 (RS232) x 1, USB 2.0 Type-A x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C 19V/3.42A
Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 11, Optional Windows 10
RAM	4GB, Optional 8GB
Storage	64GB, Optional 128GB

Battery	
Capacity	5000mAh/7.6V
Type	Removable Li-polymer battery
Endurance	8hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20, LTE-TDD: B40 WCDMA: B1/B5/B8, GSM: B3/B8
GNSS	Support, GPS, Glonass
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop
Data Collection	
2D	Optional
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocols Card reading distance: 4cm

Accessories



Docking Charger



Hand-strap



Car Charge



TP Resist film



Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry

T-610.8 A

10.1 inch Metal Rugged Tablet PC



- Windows
- IP65
- GNSS
- Dual-battery
- Bluetooth
- 2D
- 4G
- WIFI
- Magnesium alloy body

Performance

- Intel® Core™ i5-1235U/i7-1255U processor
- Windows 11 OS , Up to 16GB + 128GB
- 10.1 inch IPS Full HD screen with 10-point capacitive touch

Communication

- Dual band WIFI, High speed 4G LTE BT 5.1
- Support GPS, Glonass
- Optional professional 2D scan engine

Features

- USB Type-C interface, USB 3.0 interface, 3.5mm audio interface, DC power interface
- Expandable HDMI 2.1a Mini interface, aviation plug-in charging interface, antenna BNC interface
- hot-swappable design, 5000mAh/840mAh dual-battery

Reliability

- Full magnesium alloy body
- Vibration & 1.22m drop resistant
- IP65 Waterproof and Dustproof, MIL-STD-810H certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	278.6 x 184.5 x 21.3mm
Weight	1190g
Device Color	Magnesium alloy black
LCD	10.1 inch IPS 16:10, 1200x1920, 700/400 nits
Touch Panel	10 point G+F+F capacitive touch screen
Camera	Rear 8.0MP With flashlight
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 2.1a Mini x 1(Optional), 12pins Pogo Pin x 1, Antenna SMA interface x 1(Optional), Aviation plug-in interface x 1(Optional), Φ3.5mm standard earphone jack x 1, Φ5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
Battery	
Capacity	7.4V/860mAh
Type	Built-in Li-polymer battery
Endurance	For replacing large batteries
Battery	
Capacity	7.4V/5000mAh
Type	Removable Li-polymer battery
Endurance	4.5hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Core™ i5-1235U/i7-1255U
OS	Windows 11/Windows 10
RAM	16GB
Storage	128GB
Network connections	
WIFI	Wi-Fi 6 802.11a/b/d/e/g/h/i/k/n/r/u/v/w/ac/ax Dual frequency 2.4G+5.8G WIFI
Bluetooth	BT5.1, Transmitted distance: 10 m
4G	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	Support GPS, glonass, Optional GPS, Beidou, glonass
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.22m drop
Extension modules (Optional)	
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

Accessories



Docking Charger



Hand-strap



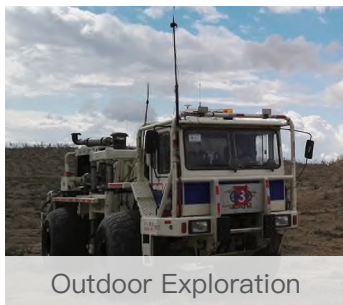
Vehicle Mount



Carry handle

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



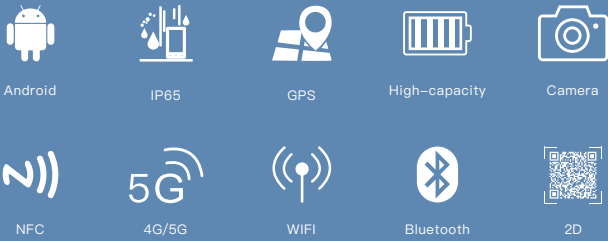
Finance



Animal Husbandry

T-610.9 M

10.1 inch Rugged Tablet PC



Performance

- MediaTek Octa-core CPU with two Arm 'Big' Cores
- Android 11 OS and 4GB RAM+64GB storage (optional 6GB+128GB)
- 10.1 inch IPS screen with 10-point touch

Communication

- Dual 5G (SA/NSA) network support
- High speed 4G LTE and dual-band Wi-Fi 5
- Upgrade BT 5.1, fast and more stable

Function

- Professional 2D scanner an multi-function NFC
- Support GPS / GLONASS / GALILEO / BDS
- Equipped with multiple accessories, like docking charger, hand-strap, detachable keyboard

Reliability

- IP65 Waterproof and Dustproof
- Impact resistance: Drop from a height of 1 meter
- Built to operate in extreme temperatures

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	263 x 177 x 10.5mm
Weight	650g
Device Color	black
LCD	10.1 inch IPS 16:10, 1200x1920, 400nits
Touch Panel	10 point G+F+F capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB Type-C x 1, SIM Card x 2, TF Card x 1, (Two out of three Cato) 12pins Pogo Pin x 1
Power	USB Type-C interface, support fast charging PE + 2.0, Maximum Power 18W, Maximum 9V/2A.

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5.0G or 5.1G+5.8G)
Bluetooth	BT5.1
2G/3G/4G/5G	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TDD: B34/B38/B39/B40/B41 FDD: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28a/B28b 5G: N1/N3/N5/N28/N38/N41/N77/N78/N79
GNSS	Built-in GPS/Galileo/GLONASS/BeiDou(G+G+G+B)

Performance parameter	
CPU	MT6833 (5G-C) (OCTA Core)
OS	Android 11/GMS
RAM	4GB/6GB
ROM	64GB/128GB

Battery	
Capacity	3.8V/9500mAh
Type	Built-in Li-polymer battery
Endurance	10hrs (50% volume sounds, 400 lumens brightness, 1080P HD video display by default)

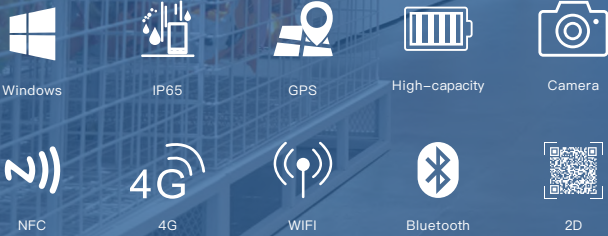
Data Collection	
NFC	Built-in, 13.56MHz, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092
2D	Optional, EM07

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Drop Height	1m



T-610.9 Q

10.1 inch Rugged Tablet PC



Performance

- Qualcomm Snapdragon CPU with up to 2.4 GHz
- Windows 11 OS, optional 8 GB+128 GB
- 10.1 inch IPS screen with 10-point touch

Communication

- Dual band WIFI 2.4G+5.0G(5.1G+5.8G)
- High speed 4G LTE
- Upgrade BT 5.1, fast and more stable

Function

- Professional 2D scanner an multi-function NFC
- Support GPS / GLONASS / GALILEO / BDS
- Equipped with multiple accessories, like docking charger, hand-strap, detachable keyboard

Reliability

- IP65 Waterproof and Dustproof
- Impact resistance: Drop from a height of 1 meter
- Built to operate in extreme temperatures

Product Six Views



Specification Parameter

Basic parameters	
Dimension	263 x 177 x 10.5mm
Weight	700g
Device Color	black
LCD	10.1 inch IPS 16:10, 1200x1920, 400nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB Type-C x 1, SIM Card x 1, TF Card x 1, (Two out of three Cato) 12pins Pogo Pin x 1
Power	USB Type-C interface, Voltage stabilization 12V/3A, 36W

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5.0G or 5.1G+5.8G)
Bluetooth	BT5.1
2G/3G/4G	European version band: GSM: NA WCDMA: B1/B3/B5/B8 FDD: B1/B3/B5/B7/B8/B20/B28(a+b) TDD: B38/B39/B40/B41 American version band: GSM: NA WCDMA: B2/B4/B5 FDD: B2/B4/B5/B12/B13/B14/B17/B25/B26/B30/B66/B71 TDD: B38+B41N
GNSS	Built-in GPS/Galileo/GLONASS/BeiDou(G+G+G+B)

Performance parameter	
CPU	Qualcomm SC7180 OCTA Core
OS	Windows 11
RAM	8 GB
ROM	128GB

Battery	
Capacity	4750mAh/7.6V
Type	Built-in Li-polymer battery
Endurance	9hrs (50% volume sounds, 400 lumens brightness, 1080P HD video display by default)

Data Collection	
NFC	Optional, 13.56MHz, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092, ISO/IEC mifare
2D	Optional

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Drop Height	1m



T-612 J

12.2 inch Rugged Tablet PC



Performance

- Intel Jasper Lake processor Celeron N5100
- 12.2 inch IPS screen, 1920x1200
- 10-point capacitive touch

Communication

- Dual 5G (SA/NSA) network support
- High speed 4G LTE and dual-band Wi-Fi 5
- Upgrade BT 5.0, fast and more stable

Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Support GPS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	319.6 x 216 x 24.3mm
Weight	device unit 1500g
Device Color	black
LCD	12.2 inch 16:10, 1920x1200
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB Type-C x 1, USB 2.0 Type-A x 1, USB 3.0 Type-A x 2, SIM Card x 1, TF Card x 1, Φ4mm DC jack x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, RJ45 x 1, DB9 RS232 x 1, DB9 RS485 x 1, Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, DC 19V/3.42A
Battery	
Capacity	1000mAh/7.4V
Type	Built-in Li-polymer battery
Endurance	1hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Battery	
Capacity	6300mAh/7.4V
Type	Removable Li-polymer battery
Endurance	8hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 4GB/16GB
Storage	128GB, Optional 64GB/256GB/512GB
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0
2G/3G/4G/5G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A, WCDMA: B1/B8, GSM: B3/B8 SA&NSA: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N77/N78/N79 5G SA&NSA: LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD: B34/B38/B39/B40/B41/B42, WCDMA: B1/B5/B8 5G SA&NSA: LTE-FDD: B1/B3/B5/B8/B28 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8, N1/N28/N41/N78/N79
GNSS	Built-in, GPS, Glonass
Data Collection	
1D	Optional
2D	Optional
NFC	Optional
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop

Accessories



Docking Charger



Hand-strap



Back-strap



Leather Cover



Removable Keyboard



Car Charge



Stylus



Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



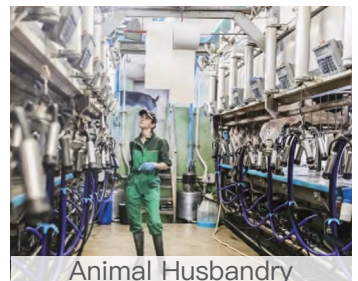
Outdoor Exploration



Military Equipment



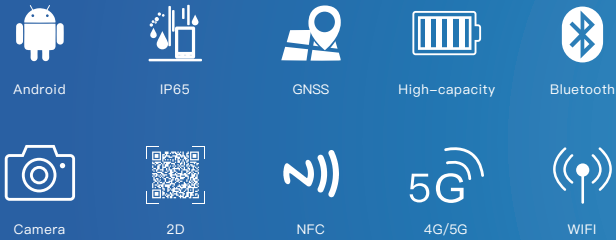
Finance



Animal Husbandry

T-612 Q

12.2 inch Rugged Tablet PC



Functions

- Support for Android 10 / 11 system
- Optional 4G/5G all network communication, WiFi, Bluetooth and other communication modes
- 12600mAh battery, 7 hours of machine endurance
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Glonass, more accurate positioning
- Support 1920x1200 high score screen, optional with Corning gorilla TP
- Support 2D, NFC and other functional modules for free selection

Product Six Views



Specification Parameter

Basic parameters	
Dimension	319.6 x 216 x 24.3mm
Weight	device unit 1500g
Device Color	black
LCD	12.2 inch IPS 16:10, 1920x1200
Touch Panel	10 point G+G capacitive touch screen Corning® Gorilla® Glass
Camera	Front 5.0MP Rear 13.0MP
I/O	USB 2.0 Type-A x 2, USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI x 1, 12pins Pogo Pin x 1, RS232 x 1, RS485 x 1, RJ45 (10/100M) x 1, Φ3.5mm standard earphone jack x 1, Φ3.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/4A
Communication	
WiFi	WiFi 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.1
3G/4G/5G (Optional)	WCDMA: B1/B5/B8 TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B8 5G NR: N1/N28/N41/N78/N79
GNSS	Built-in GPS+Glonass

Performance parameter	
CPU	ARM (OCTA Core), 2.0GHz
OS	Android 10 (LTE Version) / Android 11 (5G Version)
RAM	4GB
ROM	64GB
Battery	
Capacity	3.7V/12600mAh
Type	Li_polyment, removeable battery
Endurance	7hrs (default 50% volumn, default 200 lumens brightness, play 1080P HD video)
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m
Data Collection	
NFC	Built-in, ISO/IEC 14443A
2D	Optional

Accessories



Docking Charger



Removable Battery



Hand-strap



Back-strap



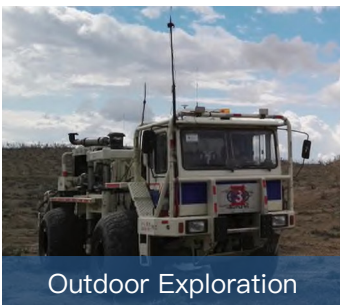
Removable Keyboard



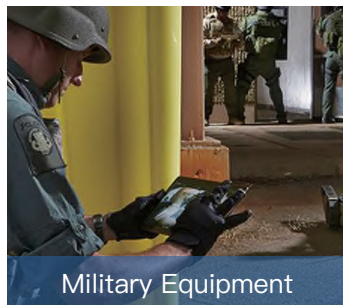
Vehicle Mount

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Military Equipment



Finance



Animal Husbandry

T-612.6 J

12.2 inch Rugged Tablet PC



- Windows
- IP65
- GNSS
- Dual-battery
- Bluetooth
- 2D
- NFC
- 4G
- WIFI

Performance

- Intel Celeron quad-core processor (up to 2.90 GHz)
- Windows 10 OS and 8GB RAM + 128GB storage
- 12.2 inch IPS Full HD screen with 5-point capacitive touch

Communication

- 2.4G/5.8G Dual band WIFI
- High speed 4G LTE
- BT 5.0 fast transmission

Features

- Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0)
- Support GPS, BDS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	339.3 x 230.3 x 26mm
Weight	device unit 1500g
Device Color	black
LCD	12.2 inch IPS 16:10, 1920x1200, 650nits
Touch Panel	5 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ 3.5mm standard earphone jack x 1, Φ 5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional
Fingerprint	SPI fingerprint (power on login)

Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Battery	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	5hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Accessories



Docking Charger



Hand-strap



Vehicle Mount



Car Charge



Removable Battery



Carry handle

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

Registered at the district court of Aschaffenburg HRB 12695 | CEO: Walter G. Höfling | VAT #: DE 292388383 | WEEE Reg-#: DE 80848050

Phone: +49 (0) 6027 9903-007
Email: sales@bt-autoid.com
Web: www.bt-autoid.com

Performance parameter	
CPU	Intel® Celeron® Processor N5105
OS	Windows 10
RAM	8GB, Optional 16GB
Storage	128GB

Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	Built-in GPS, Beidou, glonass

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop

Extension modules (1 out of 4)	
Ethernet interface	RJ45 (10/100M) x 1
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	EM80, Optical resolution: 5mil/ scan speed: 50 times/s

T-612.6 A

12.2 inch Rugged Tablet PC



- Windows
- IP65
- GNSS
- Dual-battery
- Bluetooth
- 2D
- NFC
- 4G
- WIFI
- Camera

Performance

- Intel Core i5-1235U/i7-1255U processor
- Windows 11 OS and 8GB RAM + 128GB storage
- 12.2 inch IPS Full HD screen with 10-point capacitive touch

Communication

- 2.4G/5.8G Dual band WIFI 6
- High speed 4G
- BT 5.1 fast transmission

Features

- Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0)
- Support GPS, GLONASS, optional Beidou
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

Reliability

- IP65 Waterproof and Dustproof, Anti-Static
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	339.3 x 230.3 x 26mm
Weight	device unit 1500g
Device Color	black
LCD	12.2 inch IPS 16:10, 1920x1200, 650nits/280nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional
Fingerprint	SPI fingerprint (power on login)

Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Battery	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	4hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Accessories



Docking Charger



Hand-strap



Vehicle Mount



Car Charge



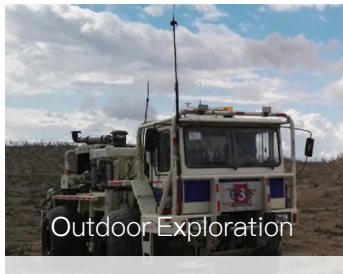
Removable Battery



Carry handle

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



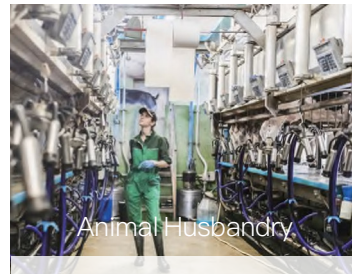
Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry

Performance parameter	
CPU	Intel Core i5-1235U/i7-1255U
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 16GB, Up to 64GB
Storage	128GB, Optional 256GB, Up to 512GB

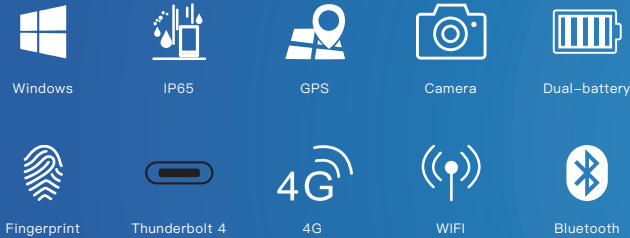
Network connections	
WIFI	WiFi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax (2.4G/5.8G)
Bluetooth	BT5.1
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	GPS, Glonass, optional Beidou

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop
Electrostatic Discharge	± 8kV contact discharge, ± 15kV air discharge

Extension modules (1 out of 4)	
Ethernet interface	RJ45 (10/100M) x 1, Support customized (10/100/1000M)
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	EM80, Optical resolution: 5mil/ scan speed: 50 times/s

L-613

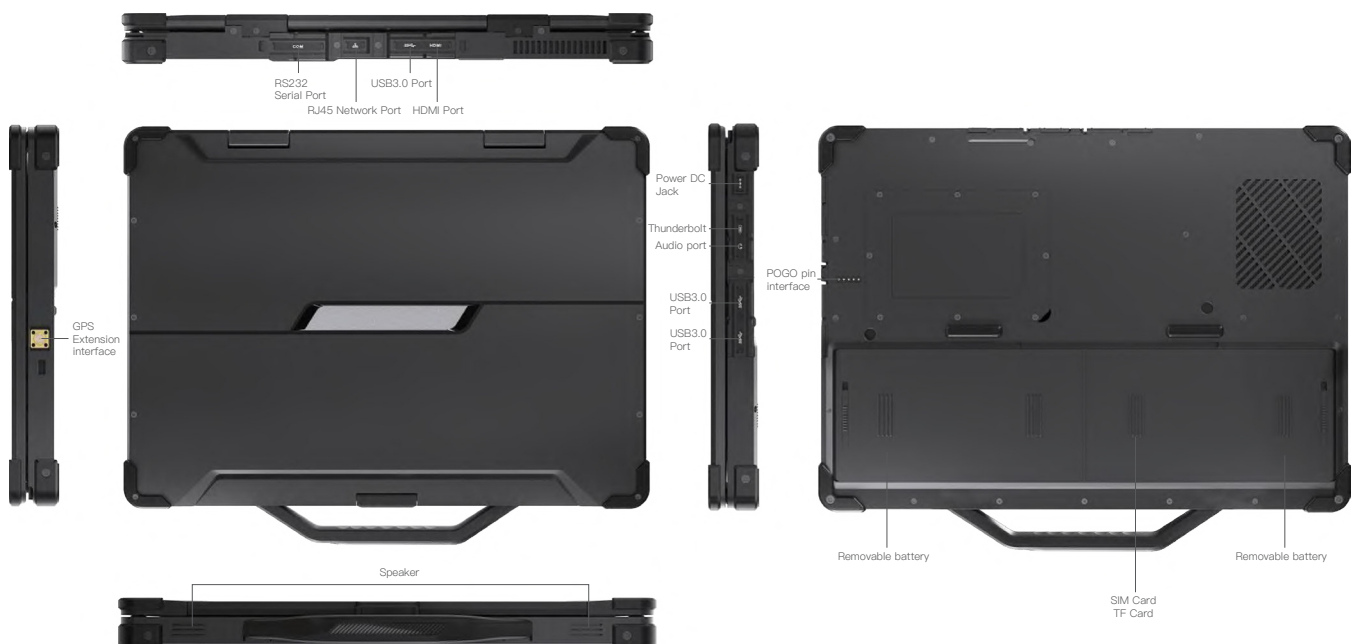
13,3 inch Fully Rugged Notebook



Functions

- Support for Win 10/11 system
- Intel® i5-1135G7 , greatly improved performance
- The fuselage is equipped with dual battery design, and the endurance is increased to 10 hours
- IP65 high protection level, in accordance with MIL-STD-810G
- Support WiFi 6, BT 5.1
- Support 1920x1080 FHD, optional with Corning gorilla screen and sunshine visual screen
- Support rich expansion slot and fingerprint design, can be applied to various complex industry needs and expand demand

Product Six Views



Specification Parameter

Basic parameters

Dimension	332 x 233 x 26mm
Weight	2.1Kg
Device Color	black
LCD	13.3 inch FHD 16:9, 1920x1080, 400nits
Touch Panel	Optional 10 point G+G capacitive touch screen Corning® Gorilla® Glass
Camera	Front 2.0MP
I/O	HDMI x 1, POGO 5pin x 1(Optional), USB Type-C x 1, USB 3.0 Type-A x 3, SIM Card x 1, TF Card x 1, DB9 RS232 x 1, RJ45 x 1, Φ3.5mm standard earphone jack x 1, DC 19V 3.42A x 1
Power	AC100V ~ 240V, Output DC 19V/3.42A/65W

Communication

WIFI	WiFi 6, 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
Bluetooth	BT5.1
4G (Optional)	LTE FDD B1/B3/B7/B8/B20/B28A WCDMA B1/B8 GSM B3/B8
GNSS	Optional GPS

Performance parameter

CPU	Intel® Core i5-1135G7
OS	Windows 10/11
RAM	8GB/16GB
ROM	256GB/512GB

Battery (Hot-swappable)

Capacity	11.1V/2800mAh x 2
Type	Li_polyment, removeable battery
Endurance	10hrs (Default 50% volume, default 200 nit, Play 720P HD video)

Reliability

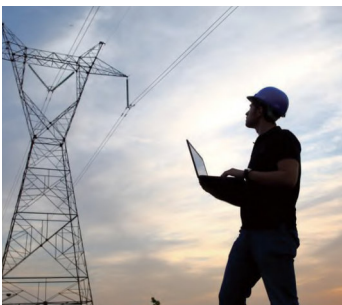
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Data Collection

Fingerprint	SPI fingerprint (power on login)
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Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Power Maintenance



Equipment Testing



Automobile Manufacturing



Public Security

L-614 T

14 inch Fully Rugged Notebook



- Windows
- IP65
- GPS
- Camera
- Dual-battery
- Fingerprint
- NFC
- 4G/5G
- WIFI
- Bluetooth

Performance

- 11th Gen® Intel® Core™ i5/i7 processor
- New Intel Iris® Xe core graphics card
- Support Windows 10 OS, Optional Windows 11 OS

Communication

- High speed Wi-Fi 6
- Support M.2 interface 5G/4G selection
- Bluetooth 5.1 for higher transfer speeds

Function

- 14-inch FHD, Optional touch screen
- Rich interfaces and extended function can meet various needs
- 6300mAh/7.4V+1750mAh/7.4V dual battery, Large battery support hot-swappable

Reliability

- Press fingerprint identification
- IP65 high protection level, 1.22m fall resistant
- In accordance with MIL-STD-810G

Product Six Views



Specification Parameter

Basic parameters	
Dimension	363.2 x 287.4 x 42.1mm
Weight	device unit 2850g
Device Color	black
LCD	14 inch FHD 16:9, 1920x1080, 700nits
Touch Panel	Optional 10 point G+G capacitive touch screen Corning® Gorilla® Glass
Camera	Front 2.0MP
I/O	HDMI x 1, POGO 5pin x 1, USB 2.0 Type-A x 1, USB 3.0 Type-A x 3, SIM Card x 1, SD Card x 1, DB9 RS232 x 1, RJ45 x 2, Φ3.5mm standard earphone jack x 1, DC 19V 3.42A x 1 Passenger transfer card PCIE X4 slot or HDD x 1 (Optional)
Power	AC100V ~ 240V, Output DC 19V/3.42A/65W

Battery (Built-in)	
Capacity	7.4V/1750mAh
Type	Built in Li_polyment,battery loadable
Endurance	0.5hrs (Default 50% volume, default 200 nit, Play 720P HD video)

Battery (Hot-swappable)	
Capacity	7.4V/6300mAh
Type	Li_polyment, removeable battery
Endurance	8.5hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Core™ i5-1135G7/i7-1165G7
OS	Windows 10, Optional Windows 11
RAM	8GB/16GB
ROM	256GB/512GB/1TB

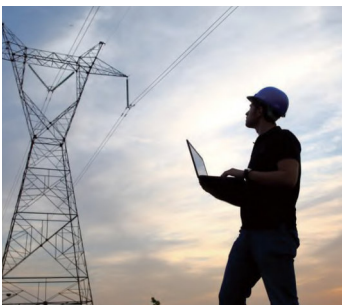
Communication	
WIFI	WiFi 6, 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
Bluetooth	BT5.1 Transmission distance: 10m
2G/3G/4G (Optional)	LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: B3/B8
5G (Optional)	5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/ n38/n40/n41/n48*/ n66/n71/n77/n78/n79 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14/ B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B48 LAA: B46 WCDMA: B1/B2/B3/B4/B5/B6/B8/B19
GNSS	Support GPS, Optional GPS+Beidou

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Data Collection	
Fingerprint	SPI fingerprint (power on login)
NFC	Optional, 13.56MHz, Card reading distance: 4cm

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Power Maintenance



Equipment Testing



Automobile Manufacturing



Energy Industry

L-615 T

15.6 inch Fully Rugged Notebook



Windows



IP65



GPS



Camera



Dual-battery



Fingerprint



NFC



4G/5G



WiFi



Bluetooth

Performance

- 11th Gen® Intel® Core™ i5/i7 processor
- New Intel Iris® Xe core graphics card
- Support Windows 10 OS, Optional Windows 11 OS

Communication

- High speed Wi-Fi 6
- Support M.2 interface 5G/4G selection
- Bluetooth 5.1 for higher transfer speeds

Function

- 15.6-inch FHD
- Rich interfaces and extended function can meet various needs
- 6300mAh/7.4V+1750mAh/7.4V dual battery, Large battery support hot-swappable

Reliability

- Press fingerprint identification
- IP65 high protection level, 1.22m fall resistant
- In accordance with MIL-STD-810G

Product Six Views



Specification Parameter

Basic parameters	
Dimension	407 x 305.8 x 45.5mm
Weight	device unit 3300g
Device Color	black
LCD	15.6 inch FHD 16:9, 1920x1080, 700nits
Touch Panel	NA
Camera	Front 2.0MP
I/O	HDMI x 1, POGO 5pin x 1, USB 2.0 Type-A x 1, USB 3.0 Type-A x 3, SIM Card x 1, SD Card x 1, DB9 RS232 x 1, RJ45 x 2, Φ3.5mm standard earphone jack x 1, DC 19V 3.42A x 1 Passenger transfer card PCIE X4 slot or HDD x 1 (Optional)
Power	AC100V ~ 240V, Output DC 19V/3.42A/65W

Battery (Built-in)	
Capacity	7.4V/1750mAh
Type	Built in Li_polyment,battery loadable
Endurance	0.5hrs (Default 50% volume, default 200 nit, Play 720P HD video)

Battery (Hot-swappable)	
Capacity	7.4V/6300mAh
Type	Li_polyment, removeable battery
Endurance	7hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Core™ i5-1135G7/i7-1165G7
OS	Windows 10, Optional Windows 11
RAM	8GB/16GB
ROM	256GB/512GB/1TB

Communication	
WIFI	WiFi 6, 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
Bluetooth	BT5.1 Transmission distance: 10m
2G/3G/4G (Optional)	LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: B3/B8
5G (Optional)	5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/ n38/n40/n41/n48*/ n66/n71/n77/n78/n79 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14/ B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B48 LAA: B46 WCDMA: B1/B2/B3/B4/B5/B6/B8/B19
GNSS	Support GPS, Optional GPS+Beidou

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Data Collection	
Fingerprint	SPI fingerprint (power on login)
NFC	Optional, 13.56MHz, Card reading distance: 4cm

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Power Maintenance



Equipment Testing



Automobile Manufacturing



Energy Industry

VT-608 J

8 inch Vehicle-mount Terminal



GNSS



IP65



9-36V
Wide Voltage



4G, WiFi, BT



Capacitive
Touch Screen



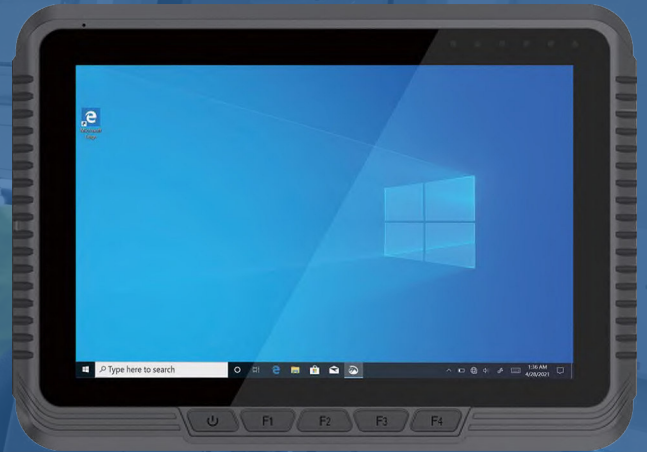
Wide Temperature
Operation



Aeroplug
Interface



700nit Screen



Performance

- Intel Jasper Lake processor Celeron N5100
- Windows 10 OS, Up to 16GB+512GB
- 8 inch IPS screen, 700nit

Communication

- 2.4G/5.8G Dual band WIFI
- Optional high speed 4G LTE
- BT 5.0 fast transmission

Features

- Optional NFC fast recognition function
- Support GPS, BDS and GLONASS
- Flexible expansion of multiple aviation plugs

Reliability

- IP65 Waterproof and Dustproof
- Wide temperature operation: -20°C~60°C
- ±8kV Contact Discharge, ±15kV Air Discharge

Product Six Views



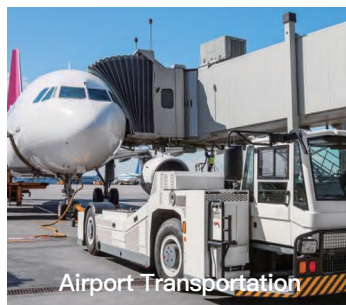
Specification Parameter

Basic parameters	
Dimension	218.1*154.5*23.0mm
Weight	TBD
Device Color	Black
LCD	8 inch, 800*1280, 700nits
Touch Panel	5-point tempered glass capacitive screen G+F+F
I/O	Nano-SIM *1 (Optional)
	USB 3.0 Type-A *1
	RS232 + RS232/RS485 (Optional)
	Ethernet interface (100/1000M) (Optional)
	USB 2.0 *2 + CAN/CVBS *1 (Optional)
	DC
NFC	Optional
Battery (Optional)	
Capacity	1000mAh/7.4V
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0
4G (Optional)	Optional, LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: B3/B5
GNSS	Built-in GPS, GLONASS, Optional Beidou

Performance parameter	
CPU	Intel® Celeron® N5100
OS	Windows 10
RAM	4GB, Optional 8GB, Up to 16GB
Storage	64GB, Optional 128GB, Up to 512GB
Standard Accessories	
WIFI Antenna	Standard, 2.4-2.5GHz/5.15~5.85GHz, 2±0.5dBi
GPS Antenna	Standard
Adapter Cable	Standard, 8 PIN aviation plug to φ5.5 power port
Optional Accessories	
4G Antenna	Optional, to be used together with 4G module
Cigarette Lighter Adapter	Optional, 19V/3.42A Cigarette Lighter Adapter
Power Adapter	Optional, 19V/3.42A DC φ5.5 Adapter
Adapter Cable	Optional, 8pin power cord to 8 loose wires (1.2M)
Bracket	Optional
Function Adapter	Optional
Wide Voltage	Optional, 9-36V wide voltage input, 12V±0.5V constant voltage output
GPS Antenna	Optional
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Electrostatic Discharge	±8kV contact discharge, ±15kV air discharge

Application Range

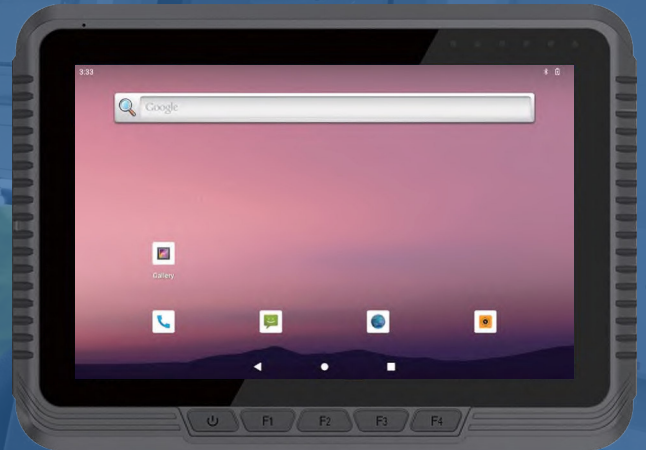
The products meet the requirements of vehicle specification level certification and design, and are widely used in logistics, agriculture, mine transportation, airport transportation, wharf, warehousing and other fields.



VT-608 X

8 inch Vehicle-mount Terminal

GNSS	IP65	9-36V Wide Voltage	4G, WiFi, BT
Capacitive Touch Screen	Wide Temperature Operation	Aeroplug Interface	700nit Screen



Performance

- ARM Octa-core CPU with two Arm 'Big' Cores
- Android 12 (GMS) OS, Up to 8GB+128GB
- 8 inch IPS screen, 700nit

Communication

- 2.4G/5.8G Dual band WIFI
- Optional high speed 4G LTE
- BT 5.2 fast transmission

Features

- Optional NFC fast recognition function
- Support GPS, BDS and GLONASS
- Flexible expansion of multiple aviation plugs

Reliability

- IP65 Waterproof and Dustproof
- Wide temperature operation: -20°C~60°C
- ±8kV Contact Discharge, ±15kV Air Discharge

Product Six Views



Specification Parameter

Basic parameters	
Dimension	218.1*154.5*23.0mm
Weight	TBD
Device Color	Black
LCD	8 inch, 800*1280, 700nits
Touch Panel	5-point tempered glass capacitive screen G+G
I/O	MICRO-SIM *1 (Optional)
	USB 2.0 Type-A *1
	RS232 + RS232/RS485
	Ethernet interface (100/100M) (Optional)
	USB 2.0 *1+USB 2.0 (default) /
	CAN *1+USB 2.0 (default)/CVBS *1 (Optional)
	Power DC Jack
NFC	Optional, 13.56MHz, Card reading distance: 4cm
Battery (Optional)	
Capacity	2000mAh/3.7V
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Network connections	
WIFI	WIFI 802.11(a/b/g/n/ac), Dual frequency 2.4G+5.0G (5.1G+5.8G)
Bluetooth	BT5.2, Transmission distance: 10m
4G (Optional)	LTE FDD: B1/B2/B3/B4/B5/B7/B8//B17/B20/B20A&B LTE-TDD: B38/B39/B40/B41N TD-S: B34+B39 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
GNSS	Support GPS, BeiDou, GLONASS

Performance parameter	
CPU	ARM Octa-core CPU
OS	Android 12 (GMS)
RAM	4GB, Optional 2GB, Up to 8GB
Storage	64GB, Optional 32GB, Up to 128GB

Standard Accessories	
WIFI Antenna	Standard, 2.4-2.5GHz/5.15~5.85GHz, 2±0.5dBi
GPS vehicle mushroom antenna	Standard
Adapter Cable	Standard, 8 PIN aviation plug to φ5.5 power port
4G Antenna	Standard

Optional Accessories	
Bracket	Optional
Function Adapter	Optional, 12PIN to USB 2.0 *1+CAN*1+USB 2.0 (default)/CVBS*1 12PIN to full function RS232 + RS485/R232 12PIN to 100M RJ45 (with LED) 12PIN to 12 loose wires 1.2m
GPS Antenna	Optional
Power (One out of three)	Power adapter, 12V4A DC φ4.0 Adapter Adapter Cable, 8pin power cord to 4 loose wires (1.2M) Wide Voltage, 9~36V wide voltage input, 12V±0.5V constant voltage output

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Electrostatic Discharge	±8kV contact discharge, ±15kV air discharge

Application Range

The products meet the requirements of vehicle specification level certification and design, and are widely used in logistics, agriculture, mine transportation, airport transportation, wharf, warehousing and other fields.



Warehousing Logistics



Airport Transportation



Vehicle Management

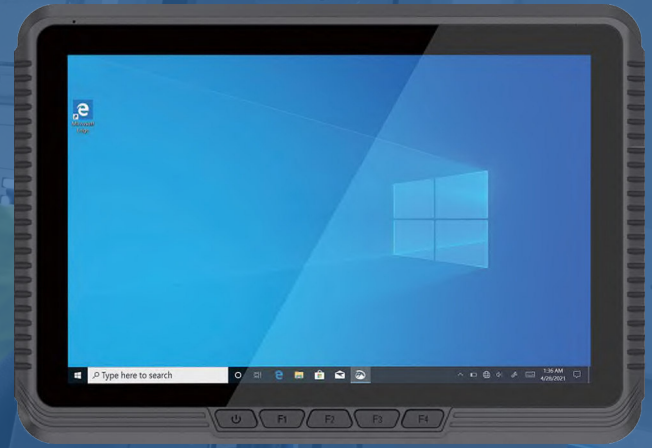


Automatic Driving

VT-610 J

10.1 inch Vehicle-mount Terminal

GNSS	IP65	9-36V Wide Voltage	4G, WiFi, BT
Capacitive Touch Screen	Wide Temperature Operation	Aeroplug Interface	700nit Screen



Performance

- Intel Jasper Lake processor Celeron N5100
- Windows 10/11 OS, Up to 16GB+512GB
- 10.1 inch IPS screen, 700nit

Communication

- 2.4G/5.8G Dual band WIFI
- Optional high speed 4G LTE
- BT 5.0 fast transmission

Features

- Optional NFC fast recognition function
- Support GPS, BDS and GLONASS
- Flexible expansion of multiple aviation plugs

Reliability

- IP65 Waterproof and Dustproof
- Wide temperature operation: -20°C~60°C
- ±8kV Contact Discharge, ±15kV Air Discharge

Product Six Views



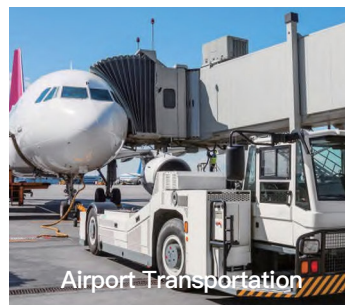
Specification Parameter

Basic parameters	
Dimension	264.5*184.1*23.0mm
Weight	TBD
Device Color	Black
LCD	10.1 inch, 800*1280, 700nits
Touch Panel	5-point tempered glass capacitive screen G+F+F
I/O	Nano-SIM *1 (Optional)
	USB 3.0 Type-A *1
	RS232 + RS232/RS485 (Optional)
	Ethernet interface (100/1000M) (Optional)
	USB 2.0 *2 + CAN/CVBS *1 (Optional)
	DC
NFC	Optional
Battery (Optional)	
Capacity	1000mAh/7.4V
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0
4G (Optional)	Optional, LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: B3/B5
GNSS	Built-in GPS, GLONASS, Optional Beidou

Performance parameter	
CPU	Intel® Celeron® N5100
OS	Windows 11, Optional Windows 10
RAM	4GB, Optional 8GB, Up to 16GB
Storage	64GB, Optional 128GB, Up to 512GB
Standard Accessories	
WIFI Antenna	Standard, 2.4-2.5GHz/5.15~5.85GHz, 2±0.5dBi
GPS Antenna	Standard
Adapter Cable	Standard, 8 PIN aviation plug to φ5.5 power port
Optional Accessories	
4G Antenna	Optional, to be used together with 4G module
Cigarette Lighter Adapter	Optional, 19V/3.42A Cigarette Lighter Adapter
Power Adapter	Optional, 19V/3.42A DC φ5.5 Adapter
Adapter Cable	Optional, 8pin power cord to 8 loose wires (1.2M)
Bracket	Optional
Function Adapter	Optional
Wide Voltage	Optional, 9-36V wide voltage input, 12V±0.5V constant voltage output
GPS Antenna	Optional
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Electrostatic Discharge	±8kV contact discharge, ±15kV air discharge

Application Range

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VT-610 X

10.1 inch Vehicle-mount Terminal



GNSS



IP65



9-36V
Wide Voltage



4G, WiFi, BT



Capacitive
Touch Screen



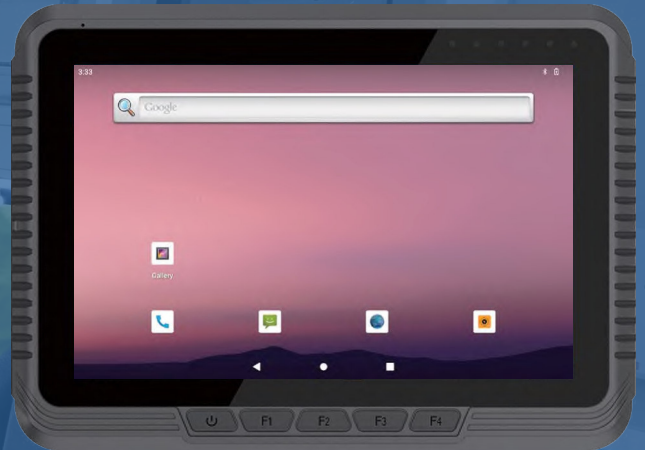
Wide Temperature
Operation



Aeroplug
Interface



700nit Screen



Performance

- ARM Octa-core CPU with two Arm 'Big' Cores
- Android 12 (GMS) OS, Up to 8GB+128GB
- 10.1 inch IPS screen, 700nit

Communication

- 2.4G/5.8G Dual band WIFI
- Optional high speed 4G LTE
- BT 5.2 fast transmission

Features

- Optional NFC fast recognition function
- Support GPS, BDS and GLONASS
- Flexible expansion of multiple aviation plugs

Reliability

- IP65 Waterproof and Dustproof
- Wide temperature operation: -20°C~60°C
- ±8kV Contact Discharge, ±15kV Air Discharge

Product Six Views



Specification Parameter

Basic parameters	
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	CAN *1+USB 2.0 (default)/CVBS *1 (Optional)
	Power DC Jack
NFC	Optional, 13.56MHz, Card reading distance: 4cm
Battery (Optional)	
Capacity	2000mAh/3.7V
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Network connections	
WIFI	WIFI 802.11(a/b/g/n/ac), Dual frequency 2.4G+5.0G (5.1G+5.8G)
Bluetooth	BT5.2, Transmission distance: 10m
4G (Optional)	LTE FDD: B1/B2/B3/B4/B5/B7/B8//B17/B20/B20A&B LTE-TDD: B38/B39/B40/B41N TD-S: B34+B39 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
GNSS	Support GPS, BeiDou, GLONASS

Application Range

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Warehousing Logistics



Airport Transportation



Vehicle Management



Automatic Driving

Performance parameter	
CPU	ARM Octa-core CPU
OS	Android 12 (GMS)
RAM	4GB, Optional 2GB, Up to 8GB
Storage	64GB, Optional 32GB, Up to 128GB
Standard Accessories	
WIFI Antenna	Standard, 2.4~2.5GHz/5.15~5.85GHz, 2±0.5dBi
GPS vehicle mushroom antenna	Standard
Adapter Cable	Standard, 8 PIN aviation plug to φ5.5 power port
4G Antenna	Standard
Optional Accessories	
Bracket	Optional
Function Adapter	Optional, 12PIN to USB 2.0 *1+CAN*1+USB 2.0 (default)/CVBS*1 12PIN to full function RS232 + RS485/R232 12PIN to 100M RJ45 (with LED) 12PIN to 12 loose wires 1.2m
GPS Antenna	Optional
Power (One out of three)	Power adapter, 12V4A DC φ4.0 Adapter Adapter Cable, 8pin power cord to 4 loose wires (1.2M) Wide Voltage, 9~36V wide voltage input, 12V±0.5V constant voltage output
Reliability	
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