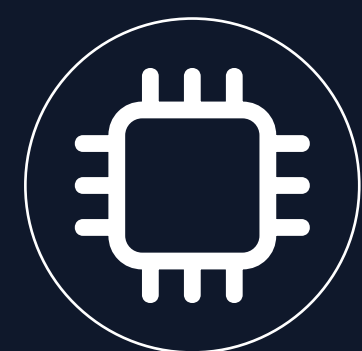


Rugged Handheld H60T

- 5G-integrated, Octa-core Arm chip, with Android 12 OS
- 5.99-inch large screen in ultra-thin 14mm thinner and 255g weight body
- Support dual-mode 5G networks (NSA /NA) and Dual-SIM 5G
- high-capacity removable battery, up to 8 hours of battery life when fully charged
- Standard Type-C charge port with provided 10W adapter, a optional docking charger is available
- Professional 2D scanning engine for close-up reading of large barcodes as well as multiple barcodes
- 5MP Front Camera & 13MP Rear Camera
- Rugged design with a IP-65 rated waterproof, built to survive temperature changes, drops, shock, and vibration



Octa-core ARM
processor



Android 12
Operating System



5.99 inch
IPS



380cd/cm2



Dual-SIM 5G



dual band WIFI



4500mAh
8hrs



Front 5M
Rear 13M



GPS/GLONASS/
beidou/Galileo



IP65

Rugged Handheld H60T

Specifications




 **CPU**
Octa-core ARM processor


 **Operating System**
Android 12

 **Memory**
RAM: 4GB
ROM: 64GB Emcp


 **Display**
Type: IPS
Size: 5.99 inch 18:9
Resolution: 720*1440
Brightness: 380cd/cm2


 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
164*80*14 mm
255g

 **Buttons**
Power *1
Volume Adjustment Key (+) *1
Volume Adjustment Key (-) *1
Bar code scanning (left and right)*2

 **Speaker**
Embedded 8Ω/1W speaker x 1


 **Battery**
External polymer lithium ion battery
3.8V/4500mAh
8hrs


 **WIFI**
WIFI 802.11(a/b/g/n/ac)
frequency 2.4G+5G

 **Bluetooth**
Bluetooth 5.1 (BLE)


 **WAN**
2G/3G/4G/5G

 **GPS**
GPS/GLONASS/beidou/Galileo

 **NFC**
Optional

 **I/O Interface**
TYPE-C 2.0*1 OTG (Data transmission)
TYPE-C (Audio output)
TF card *1, Max: 128GB
Two nano card
Two out of three card holders
Pogo Pin (Base Charge) *1

 **Certification**
IP65

 **Rugged Features**
Drop height:1.2m Composite wood
floor working
Working temperature: -10 °C to 50 °C
Storage temperature: -20 °C to 60 °C
Humidity: 95% Non-Condensing

 **Adapter**
DC 5V/2A

 **Modular Options**
2D Barcode Scanner

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

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

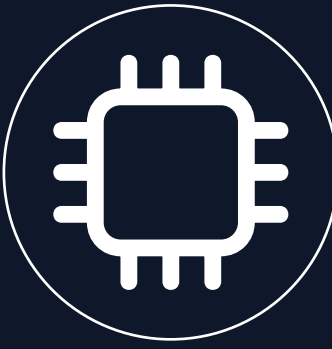









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Rugged mobile PC

M80J

- With the Quad-core Intel JASPER LAKE N5100 processor and Windows 10 operating system, M80J presents an outstanding performance.
- Designed for a rugged, compact and anti-fall body with PC material of backplane, and TPU material of frame, full protection for four corners.
- Full 8-inch IPS display with 1000-Nits high brightness, and a 5-point touch panel, providing excellent readability for both indoors and outdoors.
- Couple with 7.6V/5000mAh high-capacity detachable battery, M80J ensures a long-lasting stability and easy mobile work for multiple shifts.
- Built-in 2.4GHz and 5GHz dual-band WiFi, providing faster seamless connection in any workplaces.
- Built-in 2G/3G/4G and Bluetooth 5.0 communication modules, capable of multi-satellite running with GPS/Glonass/Beidou, providing accurate navigation and positioning.
- 2D barcode scan engine and NFC modules for options.
- Extensive interfaces such as USB 3.0, Type-C and 2.0a Mini H DMI for diverse application scenarios.
- Passed the IP65 and MIL-STD-810H test, presenting solid waterproof and dustproof performance in the harsh environment.



				
N5100 processor	Windows10 Operating System	8 inch IPS display	1000cd/m ² Brightness	2D barcode scan engine
				
Dual-band WiFi	5000mAh	Front 5.0MP Rear 8.0MP	GPS/GLONASS/Beidou	IP65

M80J rugged mobile PC

Specifications



 **CPU**
N5100 processor


 **Operating System**
windows 10 Home

 **Memory**
RAM: 8GB LPDDR4x
ROM: 128GB EMMC


 **Display**
Type: IPS
Size: 8 inch 16:10
Resolution: 800*1280
Brightness: 1000cd/m²

 **Touch Pannel**
5 points Capacitive

 **Dimension/Weight**
236.7*155.7*20.8mm
818g

 **Buttons**
Power *1 (yellow)
Volume+ *1
Volume- *1
P1 key*1 (HOME key)
F key *1
(Barcode Scanning, connected to GPIO)

 **Speaker**
8Ω/1W Waterproof Speaker *2

 **Battery**
Removable Li-polyment Battery
7.6V/5000mAh


 **WIFI**
WIFI 802.11 a/b/g/n/ac (2.4G+5G)

 **Bluetooth**
BT5.0 (BLE)


 **WAN**
2G/3G/4G

 **GPS**
GPS/GLONASS/Beidou

 **NFC**
Support

 **I/O Interface**
USB 3.0 *1 (Type A)
Type C *1 (Data & Charing)
§ 3.5mm Standard earjack *1
TF *1 max: 512G
SIM card*1
DC 19V 3.42A jack x1
HDMI 2.0a mini *1
12PIN Pogo Pin *1

 **Certification**
IP65

 **Rugged Features**
MIL-STD-810H: 1.22m drop
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **Adapter**
DC 19V 3.42A dapter

 **2D Code**
Support

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

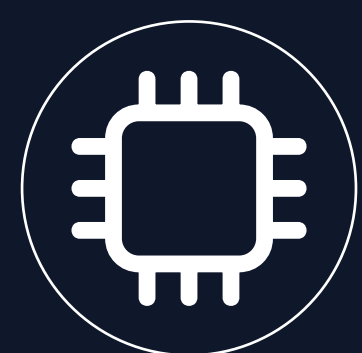
Phone: +49 (0) 6027 9903-007
Email: sales@bt-autoid.com
Web: www.bt-autoid.com

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Rugged mobile PC

M80T

- Equipped with the ARM octa-core processor and the latest Android 13 operating system, M80T presents an outstanding performance.
- Designed for a rugged, compact and anti-fall body with PC material of backplane, and TPU material of frame, full protection for four corners.
- Full 8-inch HD display with 1000-Nits high brightness, and a 5-point capacitive touch panel, providing excellent readability for both indoors and outdoors.
- Couple with 3.8V/10000mAh high-capacity detachable battery, M80T ensures a long-lasting stability and easy mobile work for multiple shifts.
- Built-in 2.4GHz and 5.8GHz dual-band WiFi 6 mode, providing faster seamless connection in any workplaces.
- Built-in 4G and Bluetooth 5.2 communication modules, capable of multi-satellite running with GPS/Glonass, providing accurate navigation and positioning.
- 2D barcode scan engines and NFC modules for options.
- Certified to IP65 and MIL-STD-810H tests, presenting solid waterproof and dustproof performance in the harsh environment.



ARM octa-core processor



Android 13 Operating System



8 inch HD display



1000cd/m² Brightness



2D barcode scan engine



Dual-band WiFi



10000mAh



Front 5.0MP
Rear 13.0MP



GPS/GLONASS



IP65

M80T rugged mobile PC

Specifications



 **CPU**
ARM octa-core processor


 **Operating System**
Android 13

 **Memory**
RAM: 8GB LPDDR4x
ROM: 128GB EMMC

 **Display**
Type: HD
Size: 8 inch 16:10
Resolution: 800*1280
Brightness: 1000cd/m²

 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
236.7*155.7*20.8mm
820g

 **Buttons**
Power *1 (yellow)
Volume+ *1
Volume- *1
P1 key *1 (HOME key)
F key *1
(Customizable when no adaptive scanner)

 **Speaker**
8Ω/1W *2 Waterproof Speaker *2

 **Battery**
Removable Lithium-ion polymer battery
3.8V/10000mAh


 **WIFI**
WIFI 802.11 a/b/g/n/ac (2.4G+5.8G)
dual-band WIFI6

 **Bluetooth**
BT5.2 (BLE)


 **WAN**
2G/3G/4G

 **GPS**
GPS/GLONASS

 **NFC**
Support

 **I/O Interface**
USB 2.0 *1 (Type A)
Type C *1 (Data & Charging)
3.5mm Standard earjack *1
Nano-SIM x 2/Micro SD up to 512GB x 1
+Nano-SIM x 1 (3-in-1 card holder)
DC support 5V/3A charging
12PIN Pogo Pin *1

 **Certification**
IP65

 **Rugged Features**
MIL-STD-810H: 1.22m drop
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **Adapter**
AC100V ~ 240V, 50Hz/60Hz output
DC 5V/3A

 **2D Code**
Optional

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

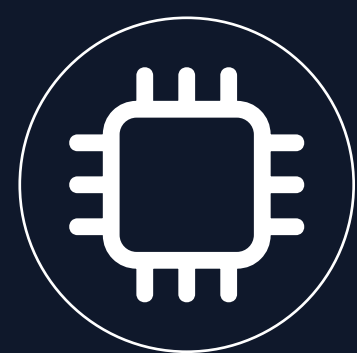
Phone: +49 (0) 6027 9903-007
Email: sales@bt-autoid.com
Web: www.bt-autoid.com

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Rugged Mobile PC

M10A

- Powered by 12th Generation Intel® Core™ i5-1235U/i7-1255U Processor and Windows 11
- Support 16GB RAM + 128GB SSD, the SSD is detachable, easy to expand by simply pulled out and replaced
- 10.1-inch LCD screen with 700 nits high brightness
- 10-point capacitive touch, support glove touch
- Supports the latest WiFi 6 technology, 4G and Bluetooth 5.1
- 7.4V/5000mAh + 7.4V/700mAh double battery, the large battery is removable and hot-swappable
- Equipped with a full set of interfaces including full-featured Type-C, USB 3.0, 2.1a Mini HDMI and more
- Choose one of four modules among wired network interface, USB 2.0, RS232 and 2D barcode module, choose as you like
- Passed IP65 and multiple stringent MIL-STD-810G military standard tests, industrial-grade safety protection



12th Gen Intel Processors



Windows 11



10.1-inch screen



700 nits highlighting



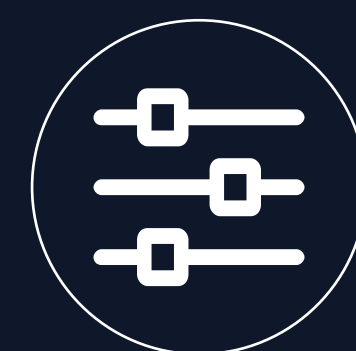
Wi-Fi/BT 5.1/4G



16GB RAM
128GB SSD



Dual battery life



Rich interface
expansion



Four-choice
module bit



IP65 protection level

M10ARugged Mobile PC

Specifications




 **CPU**
12th Generation Intel® Core™
i5-1235U/i7-1255U Processor

 **System**
Windows 11

 **Memory**
RAM 16GB DDR4L
ROM 128GB SSD


 **Display**
Type: LCD
Size: 10.1 inch 16:10
Resolution: 1200*1920
Brightness: 700cd/m²

 **Touch Panel**
10 points capacity TP G+G
Hardness over 7H

 **Dimension/Weight**
289.9*196.7*27.4mm
1140g

 **Buttons**
Power *1
Volume Key + *1
Volume Key - *1
Windows Home *1
F Key *1

 **Speaker**
8Ω/1W
Waterproof Speaker *1

 **Battery**
7.4V/700mAh(Small Battery)
Build in Lithium-ion
polymer battery, Non-removable
7.4V/5000mAh (Big Battery)
Removable Li-polyment Battery

 **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**
BT 5.1


 **WAN**
4G


 **GPS**
Support:
GPS, Beidou, glonass

 **Data Collection**
NFC (Optional)

 **Adapter**
DC 19V 3.42A

 **Certification**
IP65

 **Rugged Features**
MIL-STD-810H: 1.22m drop
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing
Electrostatic discharge:
± 8kV contact discharge
± 15kV air discharge

 **I/O Interface**
USB 3.0 *1
Type C *1
ϕ 3.5mm *1
TF/SIM *1
DC *1
HDMI 2.1a mini *1
12PIN Pogo Pin *1
Expansion Module:
RJ45(10/100M) *1/RS232 *1
USB2.0 *1/QR Code Scanner

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

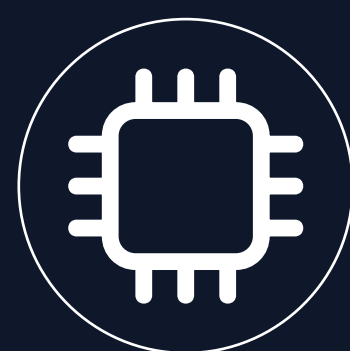
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Rugged Mobile PC

M10J

- 1. Equipped with Intel Celeron quad-core processor N5100 and Windows 11 operating system
- Backplane PC + frame TPU material, built on a toughness shell with four reinforced corners, which is enough to meet the demands of drop impact
- 10.1-inch HD high-definition screen with 1000nits high brightness, supports 10-point capacitive touch
- Screen resolution optional 1200×1920, screen brightness optional 1000nits
- 7.6V/5000mAh removable massive battery offers long-lasting endurance
- Integrated 2.4GHz+5GHz dual-band WiFi, WiFi 6 optional
- Integrated 2G/3G/4G and BT5.0, supported by GPS, GLONASS, and BeiDou
- Optional 2D Barcode and NFC reader
- Standard USB 3.0, Type-C and HDMI 2.0a Mini and an optional expand port (one out of USB 2.0, 100M Ethernet port, and RS232 serial port)
- Endured MIL-STD-810H ruggedness testing and rated IP65



N5100



Windows 11



10.1-inch screen 1000 nits highlighting



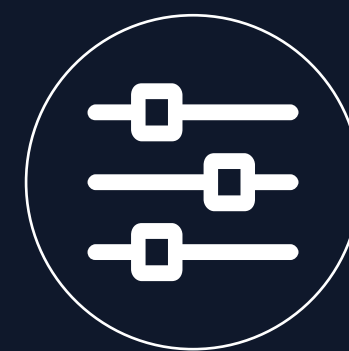
Wi-Fi/BT5.0/4G



GPS/GLONASS/BeiDou



Long-lasting battery life



Rich interface expansion



2D barcode scanning engine



IP65 protection level

M10J Rugged Mobile PC

Specifications



N5100



Windows 11



RAM 8GB LPDDR4x
ROM 128GB EMMC



Type: HD (Optional: FHD)
Size: 10.1 inch
Resolution: 800*1280/1200*1920
Brightness: 700cd/m²
Optional 1000cd/m²



10 points Capacitive screen, G+G,
panda glass hardness above 7H,
Optional glove touch



274.9*188.7*22.2mm
1028g



Power *1
Volume Key + *1
Volume Key - *1
Windows Home *1
F Key *1



8Ω/1W
Waterproof Speaker *2



Removable Lithium-ion
polymer battery
7.6V/5000mAh



802.11 a/b/g/n/ac (2.4G+5G)
optional WIFI6



BT 5.0



2G/3G/4G



Optional GPS+GLONASS
+Beidou



Optional



DC 19V 3.42A



IP65



MIL-STD-810G: 1.22m drop
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

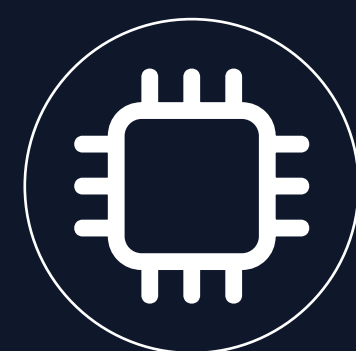


USB 3.0 *1
Type C *1
ϕ 3.5mm *1
TF / SIM *1
DC *1
HDMI 2.0a mini *1 12PIN
Pogo Pin *1 Select one of
three USB 2.0 *1 (4pin) RJ45
100M (Standard)
RS232

Rugged Mobile PC

M10T

- Equipped with the latest Android 13 operating system and ARM architecture octa-core processor.
- Backplane PC + frame TPU material, built on a toughness shell with four reinforced corners, which is enough to meet the demands of drop impact
- 10.1-inch HD/FHD high-definition screen with 1000nits high brightness, supports 10-point capacitive touch
- Screen brightness optional 1000nits
- 3.8V/10000mAh removable massive battery offers long-lasting endurance
- Integrated 2.4GHz+5.8GHz dual-band WiFi 6
- Optional 2D Barcode Scan Engine and Standard NFC reader
- Standard USB 2.0, Type-C port
- Endured MIL-STD-810H ruggedness testing and rated IP65



ARM octa-core



Android 13



10.1-inch screen



1000 nits highlighting



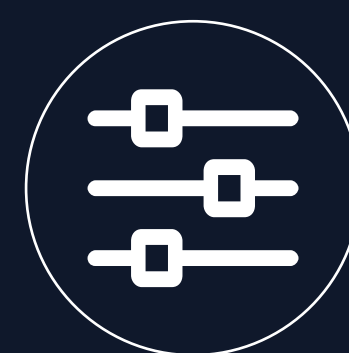
WiFi 6/BT5.2/4G



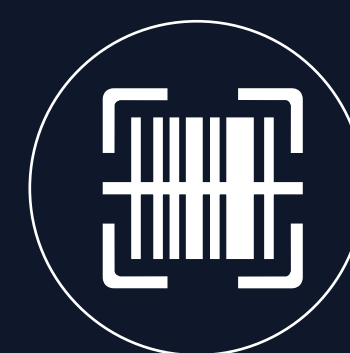
GPS+GLONASS



Super long battery life



Rich interface expansion




2D barcode scanning engine



IP65 protection level

M10T Rugged Mobile PC

Specifications

 **CPU**
ARM octa-core

 **System**
Android 13

 **Memory**
RAM 8GB LPDDR4x
ROM 128GB EMMC

 **Display**
Type: HD/FHD
Size: 10.1 inch
Resolution: 800*1280/
1920x1200
Brightness: 1000cd/m²

 **Touch Pannel**
10 points tempered glass
Capacitive screen, G+G,
hardness 7H
Optional Gloves touch

 **Dimension/Weight**
274.9*188.7*22.2mm
1020g

 **Buttons**
Power *1
Volume Key + *1
Volume Key - *1
Windows Home *1
F Key *1

 **Speaker**
8Ω/1W
Waterproof Speaker *2

 **Battery**
Removable Lithium-ion
polymer battery
3.8V/10000mAh

 **WIFI**
802.11 a/b/g/n/ac (2.4G+5.8G)
dual-band WIFI6

 **Bluetooth**
Bluetooth BT5.2


 **WAN**
2G/3G/4G

 **GPS**
Support: GPS+Glonass

 **NFC**
Optional NXP300

 **Adapter**
DC 5V 3A

 **Certification**
IP65

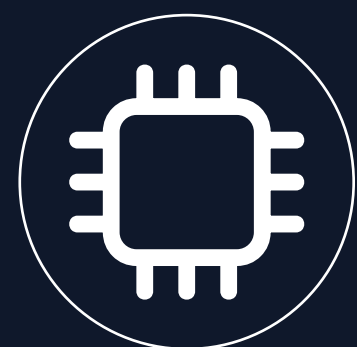
 **Rugged Features**
MIL-STD-810H: 1.22m drop
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing
Electrostatic discharge:
± 8kV contact discharge
± 15kV air discharge

 **I/O Interface**
USB 2.0 *1
Type C *1
ϕ 3.5mm *1
TF / SIM *1
DC *1
12PIN Pogo Pin *1

Rugged Mobile PC

M20A

- Powered by 12th Generation Intel® Core™ i5-1235U/i7-1255U Processor and Windows 11
- Support 16GB RAM + 128GB SSD, the SSD is detachable, easy to expand by simply pulled out and replaced
- 12.2-inch FHD screen with 650 nits high brightness, no fear of outdoor sunlight
- 10-point capacitive touch, support glove touch
- Supports the latest WiFi 6 technology, 4G and Bluetooth 5.1, Optional 5G
- Equipped with a full set of interfaces including full-featured Type-C, USB 3.0, 2.1a Mini HDMI and more
- Choose one of four modules among wired network interface, USB 2.0, RS232 and 2D barcode scan module, choose as you like
- Passed IP65 and multiple stringent MIL-STD-810H military standard tests, industrial-grade safety protection



12th Gen Intel Processors



Windows 11



12.2-inch screen



650 nits highlighting



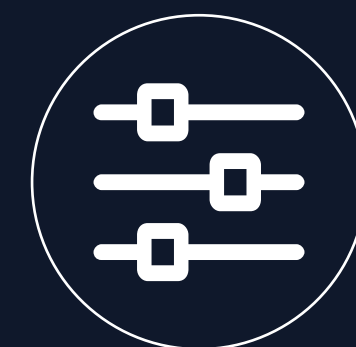
Wi-Fi/BT 5.1/4G



16GB RAM
128GB SSD



Dual battery life



Rich interface
expansion



Four-choice module bit



IP65 protection level

M20ARugged Mobile PC


Specifications




 **CPU**
12th Generation Intel® Core™
i5-1235U/i7-1255U Processor

 **System**
Windows 11

 **Memory**
RAM 16GB DDR4L
ROM 128GB SSD


 **Display**
Type: FHD
Size: 12.2 inch
Resolution: 1200*1920
Brightness: 650cd/m²
High resolution high
brightness screen

 **Touch Pannel**
10 points capacity TP, G+G,
Hardness over 7H

 **Dimension/Weight**
339.3*230.3*26 mm
1500g

 **Buttons**
Power *1
Volume Key + *1
Volume Key - *1
Windows Home *1
F Key *1

 **Speaker**
8Ω/1W
Waterproof Speaker *1

 **Battery**
7.4V/700mAh (Small Battery)
Build in Lithium-ion polymer battery,
Non-removable
7.4V/6300mAh (Big Battery)
Removable Li-polyment Battery

 **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**
BT 5.1


 **WAN**
4G
Optional 5G


 **GPS**
Support:
GPS, Beidou, glonass

 **NFC**
Optional

 **Adapter**
DC 19V 3.42A

 **Certification**
IP65

 **Rugged Features**
MIL-STD-810H: 1.22m drop
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing
Electrostatic discharge:
± 8kV contact discharge
± 15kV air discharge

 **I/O Interface**
USB 3.0 *1
Type C *1
ϕ 3.5mm *1
TF/SIM card *1
DC *1
HDMI 2.1a mini *1
12PIN Pogo Pin *1
Expansion Module:
RJ45(10/100M) *1/RS232 *1
USB2.0 *1/QR Code Scanner

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

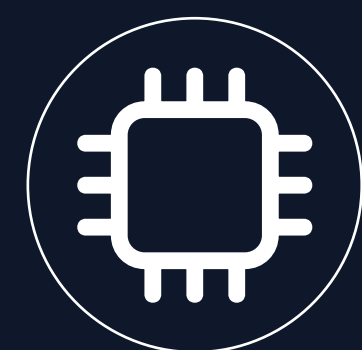
Phone: +49 (0) 6027 9903-007
Email: sales@bt-autoid.com
Web: www.bt-autoid.com

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Rugged Mobile PC

M20J

- 12.2-inch large-size full HD high-brightness screen, supporting 10 point capacitive touch
- Equipped with desktop-level N5105 processor and Windows 11 operating system
- Standard 8GB DDR4 high-speed RAM, 128GB M.2 PCIe 3.0 SSD ROM
- USB Type-C, USB 3.0 Type-A, 2.0a Mini HDMI, multiple interfaces for your choice
- Modularization design, choose 1 of 4 optional modules: network port/ serial port/ USB port/ 2D barcode module
- 700mAh small battery + 6300mAh large battery, the total battery capacity is as high as 51.8Wh
- Active quiet fan cooling system, big fan with heat pipe, strong heat dissipation
- Support 802.11a/b/g/n/ac wireless transmission, 4G network, Bluetooth 5.0 and GPS
- Press-type fingerprint recognition, lightly press to unlock, and log in to the operating system in seconds
- Passed multiple rigorous tests based on IP65 and MIL-STD-810H standards



N5105 processor



Windows 11 Pro
Operating System



12.2 inch FHD
screen



650cd/m²
Brightness



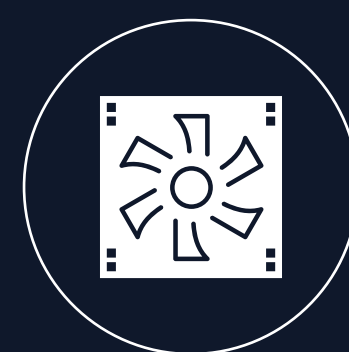
Dual frequency WiFi



Press-type
fingerprint
recognition



Two batteries,
Long standby



Active quiet fan
cooling system



128GB SSD



IP65

Rugged Mobile PC M20J

Specifications



 **CPU**
N5105 processor

 **Operating System**
Windows 11 IOT
Optional: Windows 11 Pro

 **Memory**
RAM: 8GB DDR
ROM: 128GB SSD removable


 **Display**
Type: FHD
Size: 12.2 inch 16:10
Resolution: 1200*1920
Brightness: 650cd/m²


 **Touch Panel**
10 points Capacitive

 **Dimension/Weight**
339.3*230.3*26mm
1500g

 **Buttons**
Power *1
Volume Key + *1
Volume Key - *1
Windows Home *1
F Key *1
(Barcode Scanning)

 **Speaker**
8Ω/0.8W Waterproof Speaker *1

 **Battery**
Build in Lithium-ion polymer battery
7.4V/700mAh (Non-removable)
Removable Li-polyment Battery
7.4V/6300mAh

 **WIFI**
Wi-Fi 802.11(a/b/g/n/ac)
Dual frequency 2.4G+5.8G WIFI

 **Camera**
Front 5.0MP
Rear 8.0MP -AF with flashlight

 **Bluetooth**
BT5.0 (BLE)

 **WAN**
4G, Optional 5G


 **GPS**
Support

 **NFC**
Support

 **Fingerprint**
Press-type fingerprint
recognition

 **I/O Interface**
USB3.0 *1
Type C (USB3.0/HDMI/Charging) *1
φ 3.5mm Standard earjack *1
HDMI 2.0a mini *1
SIM card *1, TF card *1
DC 19V 3.42A φ 5.5mm jack *1
12PIN Pogo Pin (USB/Docking charging) *1
Expansion Module:
RJ45(10/100M) *1/RS232 *1
USB2.0 *1/QR Code Scanner

 **Certification**
IP65

 **Rugged Features**
MIL-STD-810H: 1.22m drop
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **Adapter**
AC100V ~ 240V, 19V 3.42A/65W Output

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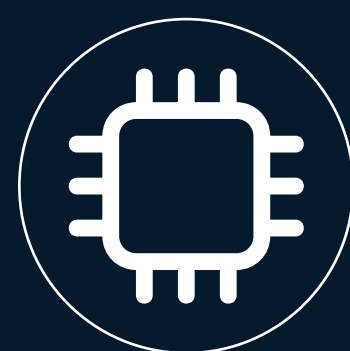
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Email: sales@bt-autoid.com
Web: www.bt-autoid.com

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Rugged notebook

N14T

- Boundary-breaking performance 11th Gen Intel® Core™ processor
- Faster, more efficient and more reliable connectivity by WIFI 6
- 14-inch (16:9) screen for a higher productivity look
- Dual battery design for longer standby
- Multiple extended functionality support for more intimate use
- Professional testing standards for more solid and reliable use.



11th Generation
Intel Tiger Lake



Windows 11/10
Operating System



14-inch screen



1920*1080
Resolution



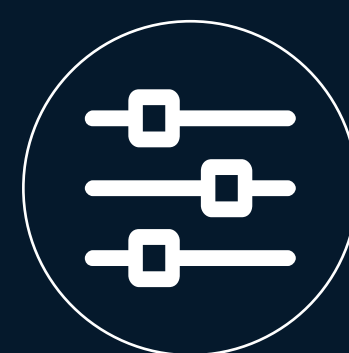
WiFi 6/BT/5G



Fingerprint



Dual battery design



Rich interface
extensions



HDD storage
expansion

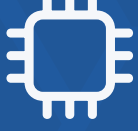



IP65


N14T Rugged notebook


Specifications




 **CPU**
Intel Tiger Lake i5-1135G7 ,
Optional I7-1165G7


 **Operating System**
Window 11 Pro
Optional: Windows 10 Pro

 **Memory**
RAM 16GB
SSD 256GB


 **Display**
Type: FHD
Size: 14 inch 16:9
Resolution: 1920*1080
Brightness: 650cd/m², optional 1000cd/m²

 **Touch Panel**
Optional, 10 point capacitive screen

 **Dimension/Weight**
363.2*287.4*42.1mm
Weight: NOT MEASURED

 **Buttons**
Power *1
Reset *1
(Pinhole key, One button reset)
P Key *1
(One button off screen or on)

 **Speaker**
8Ω/1W *2

 **Battery**
Build in Lithium-ion polymer battery
7.4V/1750mAh (Built-in)
Removable Lithium-ion polymer battery
7.4V/6300mAh (Hot Swap)

 **WiFi**
WiFi 6
802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax

 **Bluetooth**
BT5.1 (BLE) class 1

 **WAN**
2G/3G/4G/5G

 **GPS**
GPS


 **NFC**
Support


 **Adapter**
AC100V~240V, Output 19V3.42A/65W

 **Camera**
Front 2.0MP

 **Fingerprint**
Built-in, SPI fingerprint
(boot login) *1

 **Certification**
IP65

 **Rugged Features**
MIL-STD-810H: 1.22 meters drop resistance
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **I/O**
USB 2.0 *1,USB 3.0 *3
3.5mm *1
HDMI *1 (type-A)
SD Card *1,SIM Card *1
DC 19V 3.42A Power connector *1
DB9 (RS232) *1
RJ45 *2
5PIN Pogo Pin *1
Anti theft lock hole *1
Heat dissipation air outlet (right) *1
Left docking station, optional custom
adapter PCIe X4 slot or HDD *1

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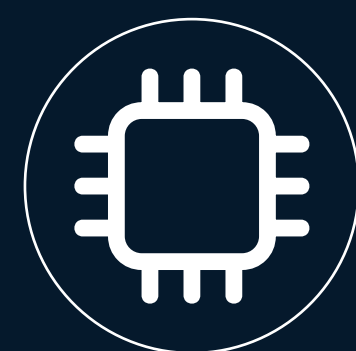
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Rugged Notebook

N15T

- Boundary-breaking performance 11th Gen Intel® Core™ processor
- Faster, more efficient and more reliable connectivity by WIFI 6
- 15.6-inch (16:9) screen for a higher productivity look
- Dual battery design for longer standby
- Multiple extended functionality support for more intimate use
- Professional testing standards for more solid and reliable use



11th Generation
Intel Tiger Lake



Windows 11/10
Operating System



15.6-inch screen



1920*1080
Resolution



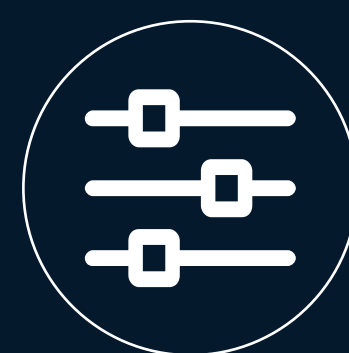
WiFi 6/BT/5G



Fingerprint



Dual battery design



Rich interface
extensions



HDD storage
expansion

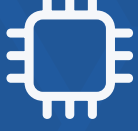



IP65


N15T Rugged Notebook

Specifications



 **CPU**
Intel Tiger Lake i5-1135G7 ,
Optional i7-1165G7


 **Operating System**
Window 11
Optional: Windows 10

 **Memory**
RAM 16GB
SSD 256GB


 **Display**
Type: FHD
Size: 15.6 inch 16:9
Resolution: 1920*1080
Brightness: 700cd/m²

 **Touch Panel**
TPM Built-in, TPM2.0

 **Dimension/Weight**
407*305.8*45.5mm
Weight: 3.3kg

 **Buttons**
Power *1
Reset *1
(Pinhole key, One button reset)
P Key *1
(One button off screen or on)

 **Speaker**
8Ω/1W *2

 **Battery**
Build in Lithium-ion polymer battery
7.4V/1750mAh (Built-in)
Removable Lithium-ion polymer battery
7.4V/6300mAh (Hot Swap)

 **WiFi**
WiFi 6
802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax

 **Bluetooth**
BT5.1 (BLE) class 1

 **WAN (Optional)**
2G/3G/4G/5G

 **GPS**
GPS


 **NFC**
Optional


 **Adapter**
AC100V~240V, Output 19V3.42A/65W

 **Camera**
Front 2.0MP

 **Fingerprint**
Built-in, SPI fingerprint
(boot login) *1

 **Certification**
IP65

 **Rugged Features**
MIL-STD-810H: 1.22 meters drop resistance
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **I/O**
USB 2.0 *1, USB 3.0 *3
3.5mm *1
HDMI *1 (type-A)
SD Card *1, SIM Card *1
DC 19V 3.42A Power connector *1
DB9 (RS232) *1
RJ45 *2
5PIN Pogo Pin *1
Anti theft lock hole *1
Heat dissipation air outlet (right) *1
Left docking station, optional custom
adapter PCIE X4 slot or HDD *1

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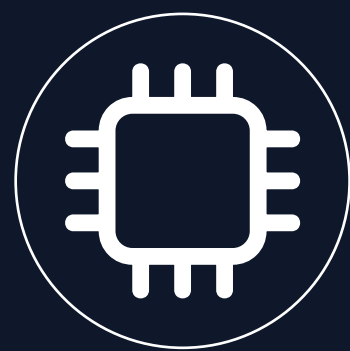
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Vehicle PC

V80J

- Equipped with Quad-core Intel JASPER LAKE N5100 processor and Windows 10 operating system, up to 8GB+128GB high-speed capacity.
- 8-inch screen with 1000-Nits high brightness display, multiple-point touch panel and customized keys , ensuring outdoor worker visibility.
- 4G LTE, dual-band Wi-Fi and Bluetooth 5.0 connectivity. Multi-satellite systems of GPS/Glonass/Beidou, with available vehicle mushroom antenna for real-time tracking to your vehicle and asset management.
- With aviation plug charging interface, switchable for cigarette lighter interface or $\Phi 5.5$ power port, and the external 9V-36V DC wide voltage module is optional.
- Supports the battery-free mode, another optional 7.4V/1000mAh capacity battery.
- Available multiple navigation plug interfaces, and also supports USB/DB9/LAN/CAN and other interface extensions.
- Two bracket mounting methods, VESA and RAM are suitable for almost any vehicle-mounted workplaces.
- IP65 dustproof and waterproof, morphed to endure outdoor applications prone with shock, vibration and extreme temperature.



Intel JASPER LAKE
N5100



Windows 10
Operating System



8-inch screen



1000cd/cm2



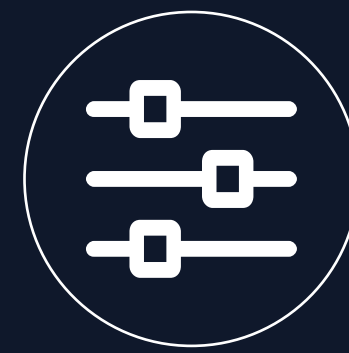
Dual frequency Wi-Fi



GPS/GLONASS/
Huada Beidou



Stable power
supply



Rich interface
extensions



VESA/RAM



IP65

Vehicle PC V80J

Specifications




 **CPU**
Intel JASPER LAKE N5100


 **Operating System**
Windows 10 Home


 **Memory**
RAM: 8GB LPDDR3
ROM: 128GB EMMC


 **Display**
Type: LCD
Size: 8 inch 16:10
Resolution: 800*1280 IPS
Brightness: 1000cd/m²


 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
218.1*154.5*23.0 mm
620g

 **Buttons**
Power *1
Volume Adjustment Key (+) *1 (F1 Key)
Volume Adjustment Key (-) *1 (F2 Key)
Customizable *1 (F3 Key)
Customizable *1 (F3 Key)

 **Speaker**
1.5W *1, Single horn
(Maximum 2W)

 **Battery**
Optional,
Built in polymer lithium ion battery
1000mAh/7.4V


 **WIFI**
WIFI 802.11(a/b/g/n/ac)
Dual frequency 2.4G+5.8G

 **Bluetooth**
BT5.0 (BLE)


 **WAN (Optional)**
4G


 **GPS**
GPS/GLONASS
Optional, Huada Beidou/Ublox M8Q

 **NFC (Optional)**
Optional

 **I/O Interface**
SIM card slot (optional) Nano-SIM *1
Standard USB-A port / Data transmission
Power interface
PORT1 (M12-12) (optional) 1000M network interface
PORT2 (M12-12) (optional) RS232 *1+RS232/RS485 *1
PORT3 (M12-12) (optional) USB 2.0 *2+CAN/CVBS *1e

 **Certification**
IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
±8kV contact discharge,
±15kV air discharge
Humidity: 95% Non-Condensing

 **Adapter**
19V 3.42A Cigarette Lighter Adapter
19V 3.42A DC φ5.5 power adapter

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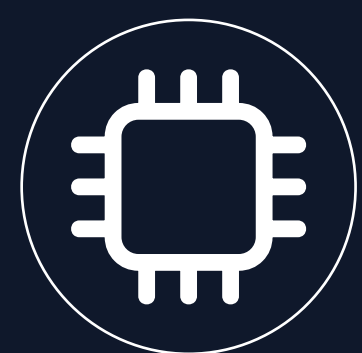
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Vehicle PC

V80T

- Equipped with high-performance ARM octa-core processor and Android 12 OS, up to 4GB+64GB capacity.
- 8-inch screen with 700-Nits high definition display, multiple-point touch panel and customized keys, ensuring outdoor worker visibility.
- 4G LTE, dual-band Wi-Fi and Bluetooth 5.2 connectivity. Multi-satellite systems of GPS/Glonass/Beidou, with vehicle mushroom antenna for real-time tracking to your vehicle and asset management.
- With aviation plug charging interface, switchable for cigarette lighter interface or $\Phi 4.0$ power port, and the external 9V-36V DC wide voltage module is optional.
- Supports the battery-free mode, another optional 3.7V/2000mAh capacity battery.
- Available multiple navigation plug interfaces, and also supports USB/DB9/LAN/CAN and other interface extensions.
- Two bracket mounting methods, VESA and RAM are suitable for almost any vehicle-mounted workplaces.
- IP65 dustproof and waterproof, morphed to endure outdoor applications prone with shock, vibration and extreme temperature.



ARM octa-core processor



Android 12 Operating System



8-inch screen



1000cd/cm2



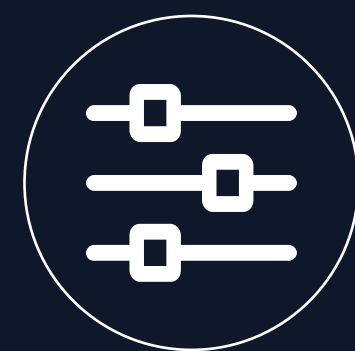
Dual frequency Wi-Fi



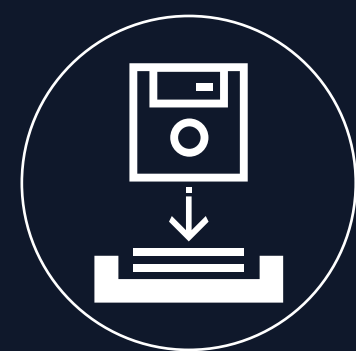
GPS/GLONASS/Beidou



Stable power supply



Rich interface extensions



VESA/RAM



IP65

Vehicle PC V80T

Specifications



 **CPU**
ARM octa-core processor


 **Operating System**
Android 12 (GMS)


 **Memory**
RAM: 4GB LPDDR4X
ROM: 64GB UFS


 **Display**
Type: LCD
Size: 8 inch 16:10
Resolution: 800*1280 IPS
Brightness: 1000cd/m²


 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
218.1*154.5*23.0mm
TBD

 **Buttons**
Power *1
Volume Adjustment Key (+) *1 (F1 Key)
Volume Adjustment Key (-) *1 (F2 Key)
Customizable *1 (F3 Key)
Customizable *1 (F4 Key)

 **Speaker**
1.5W *1, Single horn
(Maximum 2W)


 **Battery**
Optional,
Built in polymer lithiumion battery
2000mAh/3.7V


 **WIFI**
WIFI 802.11(a/b/g/n/ac)
Dual frequency 2.4G+5.0G (5.1G+5.8G)

 **Bluetooth**
BT 5.2


 **WAN**
4G

 **GPS**
GPS/GLONASS/Beidou

 **NFC**
Optional

 **I/O Interface**
SIM card slot (optional) MICRO-SIM x 1
Standard USB-A port / Data transmission
Power interface
PORT1 (M12-12) (optional)
100M network port
PORT2 (M12-12) (optional)
RS232 *1+RS232/RS485 (standard) *1
PORT3 (M12-12) (optional)
USB 2.0 *1+USB 2.0 (default) /CAN*1+USB
2.0 (default) /CVBS*1

 **Certification**
IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
±8kV contact discharge,
±15kV air discharge
Humidity: 95% Non-Condensing

 **Adapter**
12V 4A DC φ4.0 Adapter

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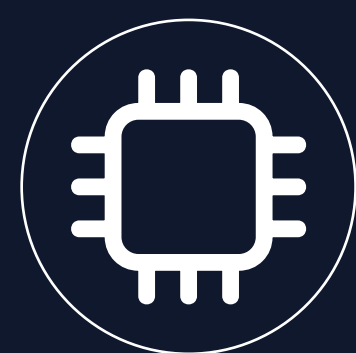
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Vehicle PC

V10J

- Equipped with Quad-core Intel JASPER LAKE N5100 processor and running Windows 11 OS, up to 8GB+128GB high-speed capacity.
- 10.1-inch screen, 1000cd/m² high brightness display, multiple-point touch panel and customized keys , ensuring outdoor worker visibility.
- 4G LTE, dual-band Wi-Fi and Bluetooth 5.0 connectivity. Multi-satellite systems of GPS/Glonass/Beidou, with available vehicle mushroom antenna for real-time tracking to your vehicle and asset management.
- With aviation plug charging interface, switchable for cigarette lighter interface or Φ5.5 power port, and the external 9V-36V DC wide voltage module is optional.
- Supports the battery-free mode, another optional 7.4V/1000mAh capacity battery.
- Available multiple navigation plug interfaces, and also supports USB/DB9/LAN/CAN and other interface extensions.
- Two bracket mounting methods, VESA and RAM are suitable for almost any vehicle-mounted workplaces.
- IP65 dustproof and waterproof, morphed to endure outdoor applications prone with shock, vibration and extreme temperature.



Intel JASPER LAKE
N5100



Windows 11/
Operating System



10.1-inch screen



1000cd/cm2



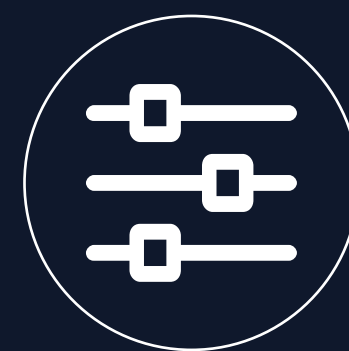
Wi-Fi/BT/4G



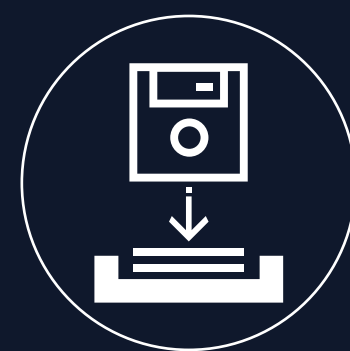
GPS/GLONASS/
Huada Beidou



Stable power
supply



Rich interface
extensions



VESA/RAM




IP65

Vehicle PC V10J

Specifications



 **CPU**
Intel JASPER LAKE N5100


 **Operating System**
Windows 11 Home
Optional: Windows 11 PRO

 **Memory**
RAM: 8GB LPDDR3
ROM: 128GB EMMC


 **Display**
Type: HD
Size: 10.1 inch 16:10
Resolution: 800*1280 IPS
Brightness: 1000cd/m²


 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
264.5*184.1*23.0 mm
834g

 **Buttons**
Power *1
Volume Adjustment Key (+) *1 (F1 Key)
Volume Adjustment Key (-) *1 (F2 Key)
Customizable *1 (F3 Key)
Customizable *1 (F3 Key)

 **Speaker**
1.5W *1, Single horn
(Maximum 2W)

 **Battery**
Optional,
Built in polymer lithium ion battery
1000mAh/7.4V


 **WIFI**
WIFI 802.11(a/b/g/n/ac)
Dual frequency 2.4G+5.8G

 **Bluetooth**
BT5.0 (BLE)


 **WAN (Optional)**
4G


 **GPS**
GPS, GLONASS
Optional, Huada Beidou

 **NFC**
Optional

 **I/O Interface**
SIM card slot (optional)
Nano-SIM *1,
Standard USB-A port / Data
transmission,
Power interface
PORT1 (M12-12) (optional) 1000M
network interface,
PORT2 (M12-12) (optional) RS232
*1+RS232/RS485 *1
PORT3 (M12-12) (optional) USB 2.0
*2+CAN/CVBS *1

 **Certification**
IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
±8kV contact discharge
±15kV air discharge
Humidity: 95% Non-Condensing

 **Adapter**
19V 3.42A Cigarette Lighter Adapter
19V 3.42A DC φ5.5 power adapter

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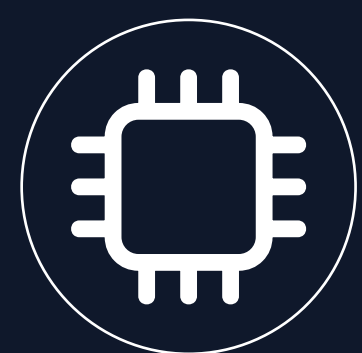
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Vehicle PC

V10T

- Equipped with ARM octa-core processor and Android 12 operating system, up to 4GB+64GB high-speed capacity.
- 10.1-inch screen with 1000-Nits high brightness display, multiple-point touch panel and customized keys , ensuring outdoor worker visibility.
- 4G LTE, dual-band Wi-Fi and Bluetooth 5.2 connectivity. Multi-satellite systems of GPS/Glonass/Beidou, with vehicle mushroom antenna for real-time tracking to your vehicle and asset management.
- With aviation plug charging interface, switchable for cigarette lighter interface or $\Phi 4.0$ power port, and the external 9V-36V DC wide voltage module is optional.
- Supports the battery-free mode, another optional 3.7V/2000mAh capacity battery.
- Available multiple navigation plug interfaces, and also supports USB/DB9/LAN/CAN and other interface extensions.
- Two bracket mounting methods, VESA and RAM are suitable for almost any vehicle-mounted workplaces.
- IP65 dustproof and waterproof, morphed to endure outdoor applications prone with shock, vibration and extreme temperature.



ARM octa-core processor



Android 12 Operating System



10.1-inch screen



1000cd/cm2



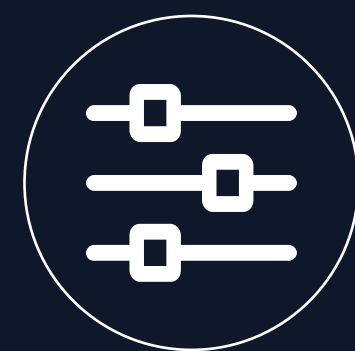
Dual frequency Wi-Fi



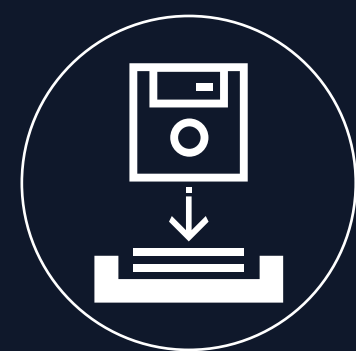
GPS/GLONASS/Beidou



Stable power supply



Rich interface extensions



VESA/RAM



IP65

Vehicle PC V10T

Specifications




 **CPU**
ARM octa-core processor


 **Operating System**
Android 12 (GMS)

 **Memory**
RAM: 4GB LPDDR4X
ROM: 64GB UFS


 **Display**
Type: HD
Size: 10.1 inch 16:10
Resolution: 800*1280 IPS
Brightness: 1000cd/m²


 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
264.5*184.1*23.0mm
TBD (Battery not included)

 **Buttons**
Power *1
Volume Adjustment Key (+) *1 (F1 Key)
Volume Adjustment Key (-) *1 (F2 Key)
Customizable *1 (F3 Key)
Customizable *1 (F4 Key)

 **Speaker**
1.5W *1, Single horn
(Maximum 2W)


 **Battery**
Optional,
Built in polymer lithiumion battery
2000mAh/3.7V


 **WIFI**
WIFI 802.11(a/b/g/n/ac)
Dual frequency 2.4G+5.0G (5.1G+5.8G)

 **Bluetooth**
BT 5.2


 **WAN**
4G

 **GPS**
GPS/GLONASS/Beidou

 **NFC**
Optional

 **I/O Interface**
SIM card slot (optional) MICRO-SIM x 1
Standard USB-A port / Data transmission
Power interface
PORT1 (M12-12) (optional) 100M
network port
PORT2 (M12-12) (optional) RS232 *1
+RS232/RS485 (standard) *1
PORT3 (M12-12) (optional) USB 2.0 *1
+USB 2.0 (default) /CAN*1+USB
2.0 (default) /CVBS*1

 **Certification**
IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
±8kV contact discharge,
±15kV air discharge
Humidity: 95% Non-Condensing

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12V 4A DC φ4.0 Adapter

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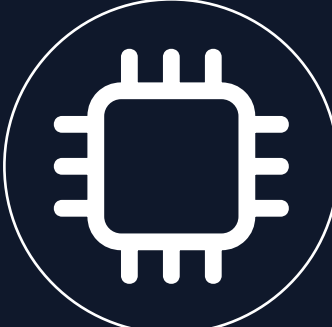



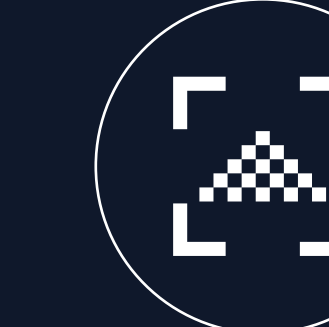


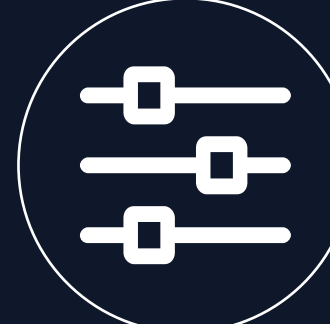


Registered at the district court of Aschaffenburg HRB 12695 | CEO: Walter G. Höfling | VAT #: DE 292388383 | WEEE Reg-#: DE 80848050

Panel PC

P10A

- Powered by 12th-generation Intel® Core™ i5-1235U/i7-1255U Processors, equipped with Windows 11 operating system
- 10.1-inch flat capacitive touch panel is impact-resistant, 700 nits high brightness screen
- Wi-Fi 6, Bluetooth 5.1, and expandable 4G (M.2 interface), multiple network connection modes
- Fanless design, using large-area uniform heating fin, running 24/7 without affecting reliability and service life
- Excellent environmental adaptability, anti-electromagnetic interference and anti-static capabilities
- Rich interfaces, including multiple USB/RJ45/DB9/HDMI and other I/O ports, easily meet various scenario requirements
- Wide voltage and temperature design, IP65-rated dustproof and waterproof
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



 i5-1235U/i7-1255U Processors	 Windows 11 Operating System	 10.1 inch screen	 700cd/m ² Brightness	 800*1280 Screen resolution
 WiFi 6	 Running 24/7 without affecting reliability	 Rich interface extensions	 storage expansion	 IP65

Panel PC P10A

Specifications



CPU

12th Generation Intel® Core™
i5-1235U Processor (Optional
i7-1255U)

Operating System

Windows 11



Memory

RAM: 8GB
ROM: 128GB (Optional
256/512GB)



Display

Type: LCD
Size: 10.1 inch 16:10
Resolution: 800×1280
Brightness:700 cd/m²



Touch Panel

10 PCAP, G+G



Dimension/Weight

257.2*170*45.95mm
1.2kg



Internet

Optional 4G/WIFI6/BT5.1



Certification

Front panel IP65



Rugged Features

Working temperature: -20 °C
to 60 °C Storage temperature:
-30 °C to 70 °C Humidity: 95%
Non-Condensing



Adapter

Input: 100~240V AC 50/60Hz
Output: 19V/3.42A



I/O Interface

Type-A USB3.0*4
Power interface DC 19V *1 (Support
12--24V)
§ 3.5mm Standard Earphone Jack *1
RJ45 *2 (10M/100M/1000M adaptive)
DB9 PORT RS232 *2
HDMI *1
M2 *1 M.2 2280 standard
interface (Support SATAIII/PCIE3.0X4
signal)

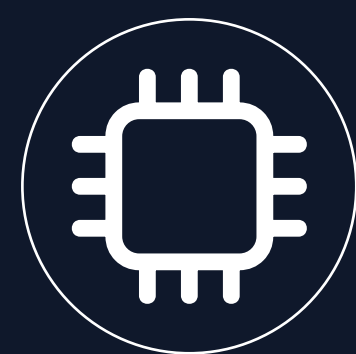


* The technical specifications of this product are subject to change without prior notice

Panel PC

P10J

- Full 10.1-inch HD display, the IP65-rated front panel protects against water and dust ingress
- Powered by an 11th generation Intel Celeron processor, equipped with Windows 11 operating system
- Excellent environmental adaptability, anti-electromagnetic interference and anti-static capabilities
- Fanless design, using large-area uniform heating fin, running 24/7 without affecting reliability and service life
- Rich interfaces, including multiple USB/LAN/HDMI and other I/O ports, easily meet various scenario requirements
- Dual-band Wi-Fi, Bluetooth 4.2, and expandable 4G (M.2 interface), multiple network connection modes
- Wide voltage and temperature design, can operate normally even under external voltage fluctuations or in extremely hot or cold conditions
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



N5100 Processor



Windows 11
Operating System



10.1 inch
screen



700cd/m²
Brightness



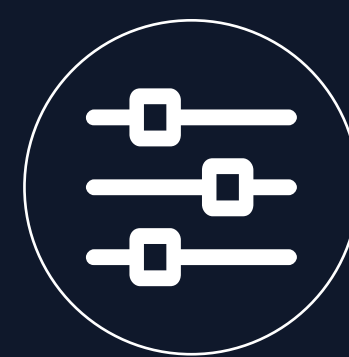
800*1280
Screen resolution



Dual-band WiFi



Running 24/7 without
affecting reliability



Rich interface
extensions



storage
expansion



IP65

Panel PC P10J

Specifications



CPU

N5100 Processor

Operating System

Windows 11 Home
Optional: Windows 11 pro



Memory

RAM: 8GB
ROM: 128GB
(M.2 interface, SATA III signal)



Display

Type: LCD
Size: 10.1 inch 16:10
Resolution: 800×1280
Brightness: 700 cd/m²



Touch Panel

10 PCAP, G+G



Dimension/Weight

257.2*170*45.95mm
1.2kg



Buttons

Power (with indicator) *1



Speaker

Optional: Built in 4 Ω/2W,
one for two



WiFi

WiFi chip intel 9461
Frequency band: WiFi 802.11 (a/b/g/n/ac)
2.4G+5.8G dual frequency WiFi



Bluetooth

BT4.2 (BLE)



WAN (Optional)

2G/3G/4G



I/O Interface

Standard SIM card *1
Standard USB-A
USB3.0*2 USB2.0*2
DC 12V Power connector *1
φ 3.5mm Standard Earphone Jack *1
RJ45 *2, 10M/100M/1000M adaptive
HDMI 2.0a Mini *1
RS232 *2
Optional:
Extensive Slot SATA/Phoenix Terminal/TPM



Certification

Front panel IP65



Rugged Features

Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing



Adapter

Input: 100~240V AC 50/60Hz
Output: 12VDC4.0A

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

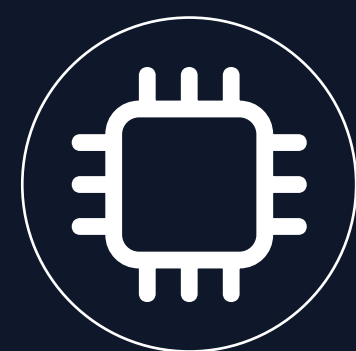
Phone: +49 (0) 6027 9903-007
Email: sales@bt-autoid.com
Web: www.bt-autoid.com

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Panel PC

P10R

- Equipped with 4-core ARM architecture A55 processor and Android 11 operating system
- Full 10.1-inch HD display, the IP65-rated front panel protects against water and dust ingress
- Fanless design, excellent in heat dissipation and strong stability performance
- Wide voltage and temperature working performance, perfect for 24/7 use in all weather conditions
- Rich interfaces, including multiple USB/RS232/LAN/HDMI and other I/O ports, easily meet various scenario requirements
- MiniPCIE slot, can be expanded with communication modules, solid-state drives and other peripherals
- Support 802.11b/g/n protocol, dual Wi-Fi antennas and Bluetooth 4.0
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



RK3568 Quad core



Android 11
Operating System



10.1 inch
screen



700cd/m²
Brightness



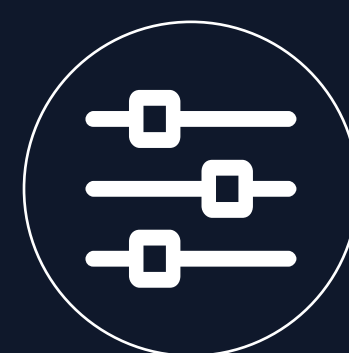
800*1280
Screen resolution



WiFi



Running 24/7 without
affecting reliability



Rich interface
extensions



storage
expansion



IP65

Panel PC P10R

Specifications



 **CPU**
RK3568 Quad core

 **Operating System**
Android 11

 **Memory**
RAM: 4GB onboard
ROM: 64GB

 **Display**
Type: LCD
Size: 10.1 inch 16:10
Resolution: 800×1280
Brightness: 700 cd/m²

 **Touch Panel**
10 PCAP, G+G


 **Dimension/Weight**
257.2*170*45.95mm
1.2kg


 **WIFI**
802.11b/g/n

 **Bluetooth**
BT4.0

 **I/O Interface**
SIM *1 TF *1
Standard USB-A
USB3.0*1 + USB3.0*1 OTG
Power interface
DC 12V Power connector *1
3.5mm Standard Earphone Jack *1
RJ45 *1 (10M/100M/1000M adaptive)
DB9 PORT RS232 *2
HDMI *1
MiniPCIE *1

 **Certification**
Front panel IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **Adapter**
AC100V ~ 240V、50Hz/60Hz
output DC 12V/4A

* The technical specifications of this product are subject to change without prior notice



Tel: 400-830-4882

www.onerugged.com

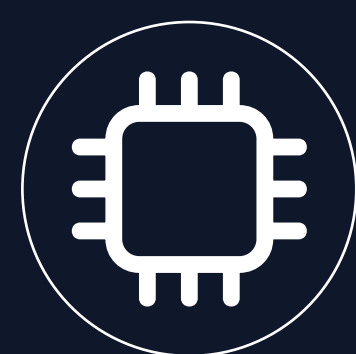
inquiry@onerugged.com

Room 401, Building C, Chaojie Industrial Park, No. 1 Guanghui Road, Jinsha Community, Kengzi Street, Pingshan District, Shenzhen, China

Panel PC

P15A

- Powered by 12th-generation Intel® Core™ i5-1235U/i7-1255U Processors , equipped with Windows 11 operating system
- 15.6- inch flat capacitive touch panel with high impact resistance
- Wi-Fi 6, Bluetooth 5.1, and expandable 4G (M.2 interface), multiple network connection mode
- Excellent environmental adaptability, anti-electromagnetic interference and anti-static capabilities
- Fanless design, using large-area uniform heating fin, running 24/7 without affecting reliability and service life
- Rich interfaces, including multiple USB/LAN/D89/HDMI and other I/O ports, can easily meet various scenario requirements
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



i5-1235U/i7-1255U Processors



Windows 11 Operating System



15.6 inch screen



220cd/m² Brightness



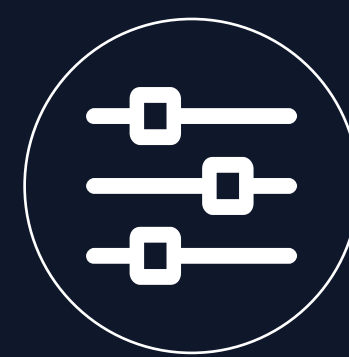
1920*1080 Screen resolution



WiFi6



Running 24/7 without affecting reliability



Rich interface extensions



storage expansion



IP65

Panel PC P15A

Specifications



CPU

12th Generation Intel® Core™ i5-1235U Processor (Optional i7-1255U)

Operating System

Windows 11



Memory

RAM: 8GB onboard
ROM: 128GB (Optional 256/512GB)



Display

Type: LCD
Size: 15.6 inch 16:9
Resolution: 1920x1080
Brightness: 220 cd/m²



Touch Panel

10 PCAP, G+G



Dimension/Weight

388.63 x 248.43 x 54.95 mm
2.4kg



Internet

Optional 4G/WIFI6/BT5.1



Certification

Front panel IP65



Rugged Features

Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing



Adapter

AC100V ~ 240V、50Hz/60Hz
output DC 19V/3.42A



I/O Interface

Type-A USB USB3.0*4
Power interface DC 19V *1
Standard Earphone Jack *1 RJ45 *2
DB9 PORT RS232 *2 HDMI *1
M2 *1 M.2 2280 standard
interface (Support SATAIII/PCIE3.0X4
signal)

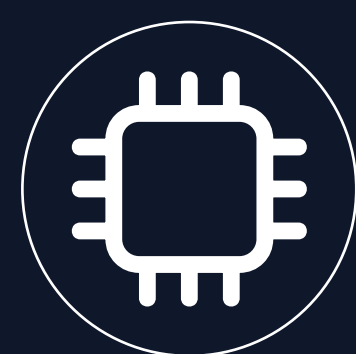


* The technical specifications of this product are subject to change without prior notice

Panel PC

P15 J

- Full 15.6-inch FHD display, the IP65-rated front panel protects against water and dust ingress.
- Powered by an 11th generation Intel Celeron processor, equipped with Windows 11 operating system
- Excellent environmental adaptability, anti-electromagnetic interference and anti-static capabilities
- Fanless design, using large-area uniform heating fin, running 24/7 without affecting reliability and service life
- Rich interfaces, including multiple USB/LAN/D89/HDMI and other I/O ports, can easily meet various scenario requirements
- Dual-band Wi-Fi, Bluetooth 5.0, and expandable 4G (M.2 interface), multiple network connection modes
- Wide voltage and temperature design, can operate normally even under external voltage fluctuations or in extremely hot or cold conditions
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



N5100 Processor



Windows 11 Operating System



15.6 inch screen



220cd/m² Brightness



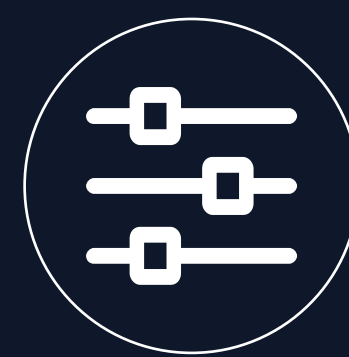
1920*1080 Screen resolution



Dual-band WiFi



Running 24/7 without affecting reliability



Rich interface extensions



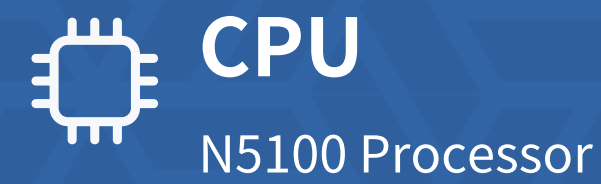
storage expansion



IP65

Panel PC P15J

Specifications



CPU

N5100 Processor

Operating System

Windows 11 IOT
Optional: Windows 11 Pro



Memory

RAM: 8GB onboard
ROM: 128GB



Display

Type: LCD
Size: 15.6 inch 16 :9
Resolution: 1920x1080
Brightness: 220 cd/m²



Touch Panel

10 PCAP, G+G



Dimension/Weight

388.63 x 248.43 x 54.95 mm
2.4kg



WiFi

WiFi 802.11(ac) 2.4G+5G



Bluetooth

BT5.0



I/O Interface

Standard USB-A
USB3.0*2 USB2.0*2
Power interface
DC 12V Power connector *1
ϕ 3.5mm Standard Earphone Jack *1
RJ45 *2 (10M/100M/1000M adaptive)
DB9 PORT RS232 *2
HDMI 2.0a Mini *1
M2 *1



Certification

Front panel IP65



Rugged Features

Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing



Adapter

AC100V ~ 240V、50Hz/60Hz
output DC 12V/4A

BT AutoID GmbH
Industriestrasse 8
D-63801 Kleinostheim

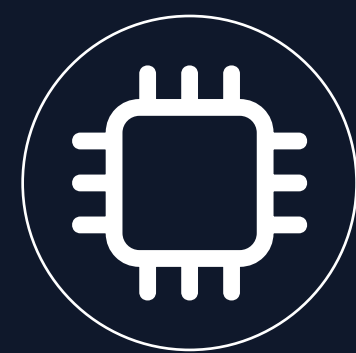
Phone: +49 (0) 6027 9903-007
Email: sales@bt-autoid.com
Web: www.bt-autoid.com

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Panel PC

P15R

- Equipped with 4-core ARM architecture A55 processor and Android 11 operating system
- Full 15.6-inch FHD display, the IP65-rated front panel protects against water and dust ingress
- Fanless design, excellent in heat dissipation and strong stability performance
- Wide voltage and temperature working performance, perfect for 24/7 use in all weather conditions
- Rich interfaces, including multiple USB/RS232/LAN/HDMI and other I/O ports, easily meet various scenario requirements
- MiniPCIE slot, can be expanded with communication modules, solid-state drives and other peripherals
- Support 802.11b/g/n protocol, dual Wi-Fi antennas and Bluetooth 4.0
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



RK3568 Quad core



Android 11
Operating System



15.6 inch
screen



220cd/m²
Brightness



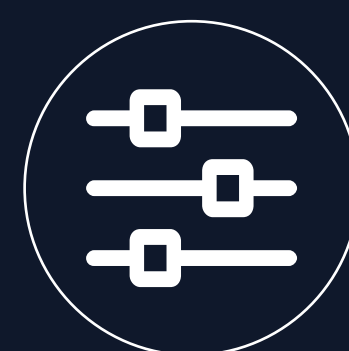
1920*1080
Screen resolution



WiFi



Running 24/7 without
affecting reliability



Rich interface
extensions



storage
expansion



IP65

Panel PC P15R

Specifications




 **CPU**
RK3568 Quad core

 **Operating System**
Android 11

 **Memory**
RAM: 4GB onboard
ROM: 64GB

 **Display**
Type: LCD
Size: 15.6 inch 16:9
Resolution: 1920x1080
Brightness: 220 cd/m²

 **Touch Panel**
10 PCAP, G+G


 **Dimension/Weight**
388.63 x 248.43 x 54.95 mm
2.4kg


 **WIFI**
802.11b/g/n

 **Bluetooth**
BT4.0

 **I/O Interface**
SIM *1 TF*1
Standard USB-A
USB3.0 *1 USB3.0 *1 OTG
Power interface
DC 12V Power connector *1
ϕ 3.5mm Standard Earphone Jack *1
RJ45 *1 (10M/100M/1000M adaptive)
DB9 PORT RS232 *2
HDMI *1
MiniPCIE *1

 **Certification**
Front panel IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **Adapter**
AC100V ~ 240V、50Hz/60Hz
output DC 12V/4A

* The technical specifications of this product are subject to change without prior notice



 Tel: 400-830-4882

 www.onerugged.com

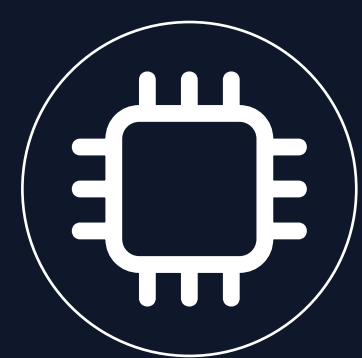
 inquiry@onerugged.com

 Room 401, Building C, Chaojie Industrial Park, No. 1 Guanghui Road, Jinsha Community, Kengzi Street, Pingshan District, Shenzhen, China

Panel PC

P21A

- Powered by 12th-generation Intel® Core™ i5-1235U/i7-1255U Processors, equipped with Windows 11 operating system
- 21.5-inch flat capacitive touch panel with high impact resistance
- Wi-Fi 6, Bluetooth 5.1, and expandable 4G (M.2 interface), multiple network connection modes
- Excellent environmental adaptability, anti-electromagnetic interference and anti-static capabilities
- Fanless design, using large-area uniform heating fin, running 24/7 without affecting reliability and service life
- Rich interfaces, including multiple USB/RJ45/RS232/HDMI and other I/O ports, can easily meet various scenario requirements
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



i5-1235U/i7-1255U Processor



Windows 11 Operating System



21.5 inch screen



250cd/m² Brightness



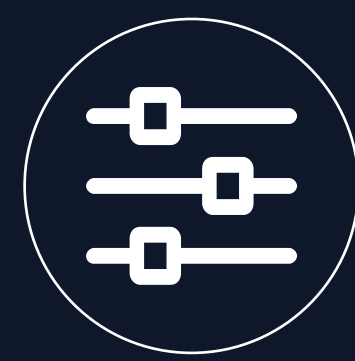
1920*1080 Screen resolution



WiFi6



Running 24/7 without affecting reliability



Rich interface extensions




storage expansion



IP65

Panel PC P21A

Specifications


 **CPU**
12th Generation Intel® Core™
i5-1235U Processor (Optional
i7-1255U)


 **Operating System**
Windows 11

 **Memory**
RAM: 8GB onboard
ROM: 128GB (Optional
256/512GB)


 **Display**
Type: LCD
Size: 21.5 inch 16 :9
Resolution: 1920x1080
Brightness: 250 cd/m²


 **Touch Panel**
10 PCAP, G+G

 **Dimension/Weight**
537.02*324.02*57.60 mm
5.05kg

 **Internet**
Optional 4G/WIFI6/
BT5.1

 **Certification**
IP65 Front Panel

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **Adapter**
AC100V ~ 240V、50Hz/60Hz
Output DC 19V/3.42A

 **I/O Interface**
Type A USB USB3.0*4
Power interface DC 19V *1
Standard Earphone Jack *1
RJ45 *2
DB9 PORT RS232 *2
HDMI *1
M2 *1 M.2 2280 standard
interface (Support SATAIII/
PCIe3.0X4 signal)

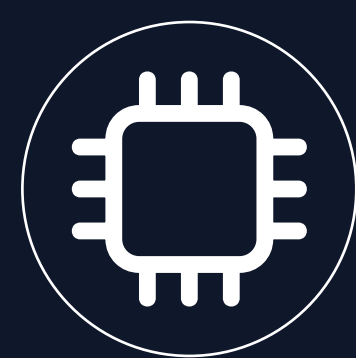


* The technical specifications of this product are subject to change without prior notice

Panel PC

P21J

- Powered by an 11th generation Intel Celeron processor, equipped with Windows 10/11 operating system
- Full 21.5-inch FHD display, the IP65-rated front panel protects against water and dust
- Excellent environmental adaptability, anti-electromagnetic interference and anti-static capabilities
- Fanless design, using large-area uniform heating fin, running 24/7 without affecting reliability and service life
- Rich interfaces, including multiple USB/LAN/DB9/HDMI and other I/O ports, can easily meet various scenario requirements
- Dual-band Wi-Fi, Bluetooth 5.0, and expandable 4G (M.2 interface), multiple network connection modes
- Wide voltage and temperature design, can operate normally even under external voltage fluctuations or in extremely hot or cold conditions
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



N5100 Processor



Windows 11/10 Operating System



21.5 inch screen



250cd/m² Brightness



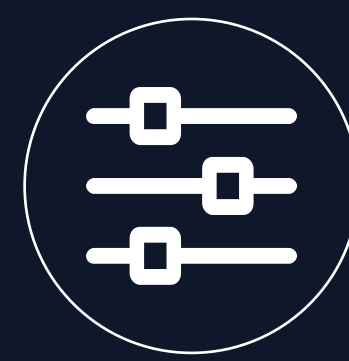
1920*1080 Screen resolution



Dual-band WiFi



Running 24/7 without affecting reliability



Rich interface extensions



storage expansion



IP65

Panel PC P21J

Specifications



CPU

N5100 Processor

Operating System

Windows 11/10



Memory

RAM: 4GB/8GB onboard
ROM: 64GB/128GB/256GB



Display

Type: LCD
Size: 21.5 inch 16:9
Resolution: 1920x1080
Brightness: 250 cd/m²



Touch Panel

10 PCAP, G+G



Dimension/Weight

537.02*324.02*57.60 mm
5.05kg



Internet

Dual-band WIFI/BT5.0



I/O Interface

Standard USB-A
USB3.0*2 USB2.0*2
Power interface
DC 12V Power connector *1
3.5mm Standard Earphone Jack *1
RJ45 *2 (10M/100M/1000M adaptive)
DB9 PORT RS232 *2
HDMI 2.0a *1



Certification

IP65



Adapter

AC100V ~ 240V、50Hz/60Hz
output DC 12V/4A



Rugged Features

Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing



* The technical specifications of this product are subject to change without prior notice



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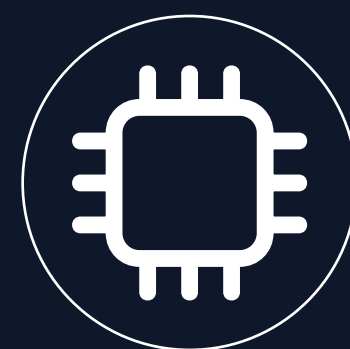
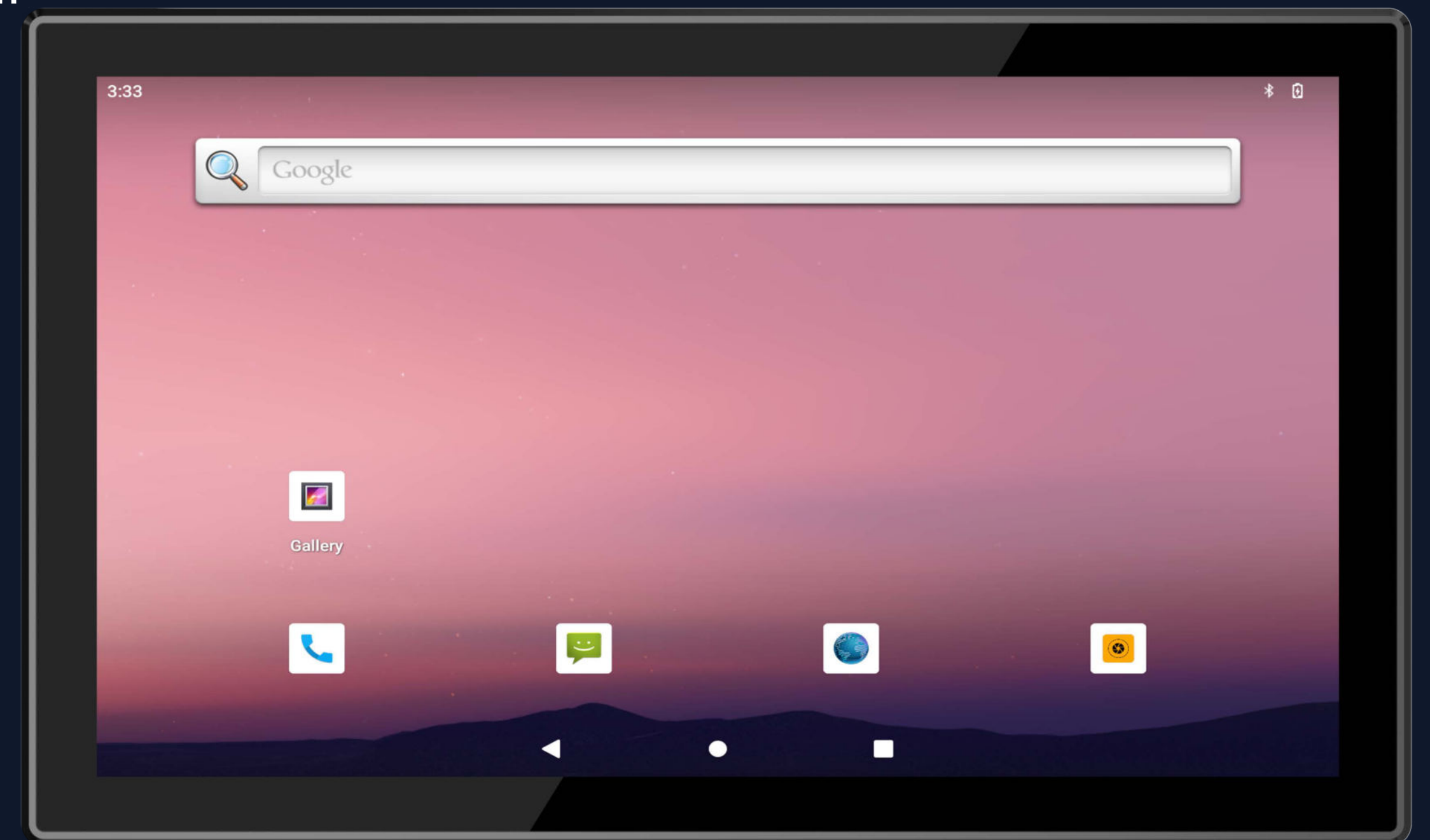
inquiry@onerugged.com

Room 401, Building C, Chaojie Industrial Park, No. 1 Guanghui Road, Jinsha Community, Kengzi Street, Pingshan District, Shenzhen, China

Panel PC

P21R

- Equipped with 4-core ARM architecture A55 processor and Android 12 operating system
- 21.5-inch flat capacitive touch panel with high impact resistance
- Fanless design, excellent in heat dissipation and strong stability performance
- Wide voltage and temperature working performance, perfect for 24/7 use in all weather conditions
- Rich interfaces, including multiple USB/RS232/LAN/HDMI and other I/O ports, easily meet various scenario requirements
- Equipped with a M.2 port for point-to-point serial connection, it can expand the 4G communication module, HDD and other peripherals
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



RK3568 Quad core



Android 12
Operating System



21.5 inch
screen



250cd/m²
Brightness



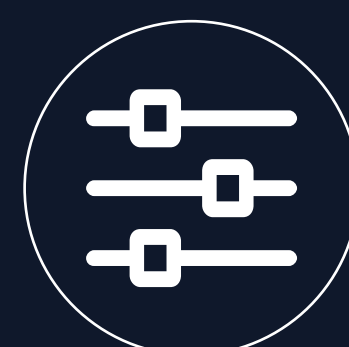
1920*1080
Screen resolution



WiFi



Running 24/7 without
affecting reliability



Rich interface
extensions



storage
expansion



IP65

Panel PC P21R

Specifications


 **CPU**
RK3568 Quad core


 **Operating System**
Android 12

 **Memory**
RAM: 4GB onboard
ROM: 64GB

 **Display**
Type: LCD
Size: 21.5 inch 16:9
Resolution:
1920x1080
Brightness: 250 cd/m²

 **Touch Panel**
10 PCAP, G+G

 **Dimension/Weight**
537.02 x 324.02 x 57.60 mm
5.05 kg

 **Internet**
Optional 4G/Dual-band
WiFi/BT5.0

 **Certification**
Front panel IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing

 **Adapter**
AC100V ~ 240V、50Hz/60Hz
output DC 12V/4A

 **I/O Interface**
Standard USB-A
USB3.0*1 , USB3.0*1 OTG, USB 2.0*2
Power interface
DC IN 12V-24V Power connector *1"
Standard Earphone Jack *1
RJ45 *1 (10M/100M/1000M adaptive)
DB9 PORT RS232 *2
HDMI *1



* The technical specifications of this product are subject to change without prior notice