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@ONERugged



Your one-stop rugged computing solution provider

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\*All product specifications are subject to change without notice.

# Brand Introduction

ONERugged, is a brand of Shenzhen Emdoor Information Co., LTD. (Emdoor Information for short, stock code: 001314.SZ), and a one-stop supplier of rugged computing solutions.

With high performance, excellent reliability, and customer-centered service as the brand strategic points, ONERugged persists in independent research and development, and continuous construction of industrial ecology. Through a full series of rugged computers and vehicle PCs, ONERugged provides innovative, efficient, reliable solutions and services for global users and solve industrial challenges. ONERugged is committed to improving the overall level of digitization and informatization of the whole industrial chain. With rugged handhelds, rugged mobile PCs, vehicle PCs, panel PCs, and rugged notebooks, ONERugged has six solutions for diverse industries, covering retail, warehousing, vehicle management, transportation, manufacturing, energy and utilities, and mainly serves large terminals, software integrators and agents, to create value for customers.

- Brand vision:** To be a leading player of global rugged terminal industry
- Brand mission:** Provide customer-centered, outstanding solutions and services
- Brand values:** Persist in innovation, motivate digital upgrade, build industrial ecology, improve social production efficiency, and create an intelligent future with customers.

## Rugged Handheld



### H60T

- IP68 Rated
- 10m Maximum scanning distance

H60T			
Display	6.56inch 720x1612, 670nits	Dimension/Weight	170.2x80.7x14mm/311g
CPU	MT6833	Operating System	Android 14/GMS
GNSS	Front 32MP,Rear 48MP8MP Wide-angle	Network	4G/WIFI5/BT5.1
Memory	RAM 8GB ROM128/256GB	Battery	3.85V/5800mAh
Rugged Features	IP68,MIL-STD-810H, 1.5m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-Condensing	I/O	Type Cx1, TF card/ SIM card,2 of 3 card slot Pogo Pinx1

## Rugged Mobile PC



### M80J/M80T/M80R

- Display: 8" high definition and brightness screen
- Optional NFC and QR code modules

M80J/M80T/M80R			
Display	8 inch 1200x1920/800x1280, 550nits/700nits	Dimension/Weight	236.7x155.7x20.8mm/818g (M80J/M80R), 820g (M80T)
CPU	Intel N5100 (M80J)/MT6789 (M80T)/RK3568 (M80R)	Operating System	Windows 10 (M80J), Android 14/12 GMS (M80T/M80R)
GNSS	GPS+Glonass+Beidou (M80J/M80T), GPS+Beidou (M80R)	Network	4G/Dual-band WIFI/BT5.0 (M80J/M80R), BT5.1 (M80T)
Memory	8GB/4GB+128GB	Battery	5000mAh/7.6V(M80J), 10000mAh/3.8V(M80T/M80R)
Rugged Features	IP65, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	M80J/M80R: USB3.0 x1/Type C x1/Standard earjack x1/TF x1/SIM card x1/DC 12V/4A jack x1/HDMI 2.0a mini x1/12PIN Pogo Pin x1 M80T: USB2.0 x1/Type C x1/Standard earjack x1/DC 5V/3A jack x1, Nano-SIM/Micro SD 3-in-1 card holder/12PIN Pogo Pin x1



## M80N/M805Q

- 8" High Performance Processor
- Rich Interfaces with USB3.2, Type-C, HDMI

M80N/M805Q			
Display	8 inch 1200x1920, 550nits	Dimension/Weight	236.7x155.7x20.8mm/818g
CPU	Intel N150 (M80N), QCM6490 (M805Q)	Operating System	Windows 11
GNSS	GPS(M80N), GPS/GLONASS/BEIDOU/Galileo/QZSS (M805Q)	Network	4G,5G/WiFi 6(M80N),WiFi 6E(M805Q)/BT5.2
Memory	8GB/16GB+128GB/256GB	Battery	5000mAh/7.6V(M80N), 10000mAh/3.8V(M805Q)
Rugged Features	IP65, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	M80N: USB3.2 x2/5.5mm DC-in jack x1 M805Q: USB3.0 x1/Type-C x1/3.5mm DC-in jack x1 Standard earjack x1/SIM x1/Micro SD x1/HDMI x1/12PIN Pogo Pin x1



## M82A

- Intel Core i5/i7 Processor
- 43.32Wh High-Capacity Removable Battery

M82A			
Display	8inch 1200x1920, 550nits	Dimension/Weight	236.8x155.8x21.6mm/850g
CPU	Intel i5-1235U/i7-1255U	Operating System	Windows 11
GNSS	GPS, GLONASS	Network	4G/WiFi 6E/BT5.3
Memory	16GB+128GB/256GB/512GB	Battery	5700mAh/7.6V
Rugged Features	IP67, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB3.2 x2/4.0mm DC-in jack x1/ Standard earjack x1/SIM x1/ Micro SD x1/12PIN Pogo Pin x1



## M81T

- Helio G99 Flagship Chipset
- Android 14

M81T			
Display	8 inch 800x1280, 700nits	Dimension/Weight	227.7x150.8x24.7 mm/680g
CPU	MT6789	Operating System	Android 14 GMS
GNSS	GPS+Glonass+Beidou	Network	4G/Dual-Band WiFi /BT 5.2
Memory	8GB+128GB	Battery	6000mAh/3.7V
Rugged Features	IP65, MIL-STD-810G, 1.22m Drop Resistance Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB 2.0 x1, Type-C x1, Headphone Jack x1, 12-Pin Pogo Pin x1, SIM Card Slot x1, TF Card Slot x1, DC 5V 3A Power Port x1



## M87J

- Intel Celeron N5100 Processor
- Removable High-Capacity Battery

M87J			
Display	8 inch 1200x1920, 550nits	Dimension/Weight	236.7x155.7x20 mm/910g
CPU	Intel JASPER LAKE N5100	Operating System	Windows 10
GNSS	GPS, GLONASS	Network	4G / Dual-Band WiFi / BT5.0
Memory	8GB+128GB	Battery	5000mAh/7.6V
Rugged Features	IP65, MIL-STD-810G, 1.22m Drop Resistance Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB 3.0 x1, Type-C 3.1 x1, Headphone Jack x1 3-in-1 Card Slot, HDMI 2.0a Mini x1, 12-Pin Pogo Pin x1





## M11T

- ◆ HD Front and Rear Dual Cameras
- ◆ High-Capacity Battery

M11T			
Display	10.1 inch 800x1280, 700nits	Dimension/Weight	275.7x187.5x24.5 mm/1000g
CPU	MT6789	Operating System	Android 12 GMS
GNSS	GPS+Glonass+Beidou	Network	4G / Dual-Band WiFi / BT 5.2
Memory	8GB+128GB	Battery	8000mAh/3.7V
Rugged Features	IP65, MIL-STD-810G: 1.22m Drop Resistance Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB 2.0 x1, Type-C x1, Headphone Jack x1, 12-Pin Pogo Pin x1, SIM Card Slot x1, TF Card Slot x1, DC 5V 3A Power Port x1



## M10A

- ◆ Intel Core i5/i7
- ◆ Optional Modules: NFC,RJ45/D89/USB2.0/OR code (one out of four)

M10A			
Display	10.1inch 1200x1920, 700nits	Dimension/Weight	292.1 x 192.1 x 28.9mm/1290g
CPU	Intel Core i5/i7	Operating System	Windows 11
GNSS	GPS, optional GPS, Beidou, Glonass	Network	4G/WIFI 6/BT5.1
Memory	16GB+128GB	Battery	5000mAh/7.4V + 860mAh/7.4V
Rugged Features	IP65, MIL-STD-810G: 1.22m Drop Resistance Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB 3.1 x1/ Type C x1/TF/SIM card x1 3.5mm Standard earjack x1 / 12PIN Pogo Pin x1DC 19V 3.42A iack x1/ HDMI 2.1a mini x1RJ45/DB9/USB2.0/0R Code Scanner, 1 out of 4



## M17J

- ◆ 3-in-1 Interface
- ◆ Multiple Accessories Options Available

M17J			
Display	10.1 inch 1200x1920, 400nits	Dimension/Weight	274.9x188.7x23.1 mm/1140g
CPU	Intel JASPER LAKE N5100	Operating System	Windows 11/10
GNSS	GPS, GLONASS	Network	4G / Dual-Band WiFi / BT 5.0
Memory	8GB+128GB	Battery	5000mAh/7.6V
Rugged Features	IP65, MIL-STD-810G: 1.22m Drop Resistance Operating Temperature: -20°C to 60°C Storage Temperature: +30°C to 70°C Humidity: 95% Non-condensing	I/O	USB 3.0 x1, Type-C 3.1 x1, Headphone Jack x1 3-in-1 Card Slot, HDMI 2.0a Mini x1, 12-Pin Pogo Pin x1 RJ45 (Standard)/DB9/USB 2.0(One out of Three)



## M10A-VDS

- ◆ New handle design, hangs right on the wheel
- ◆ 72.52Wh Mega Battery

M10A-VDS			
Display	10.1 inch 1200x1920, 700nits	Dimension/Weight	292.1x192.1x27.5mm/1457g
CPU	Intel i5-1235U/i7-1255U	Operating System	Windows 11
GNSS	GPS, GLONASS	Network	4G/WIFI 6/BT5.1
Memory	16GB+128GB/256GB/512GB/1TB	Battery	9800mAh/7.4V+860mAh/7.4V
Rugged Features	IP65, MIL-STD-810G: 1.22m Drop Resistance Operating Temperature: -25°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB3.1 x1/USB3.0 x1/SIM/Micro SDx1/ 5.5mm DC-in jack x1/Standard earjack x1/HDMI 2.1a mini x1/ 12PIN Pogo Pin x1



## M10J/M10T/M10R

- Display: 10.1" High Definition and Brightness Screen
- Optional NFC Module

### M10J/M10T/M10R

<b>Display</b>	10.1 inch 1200x1920/800x1280, 1000nits/700nits	<b>Dimension/Weight</b>	274.9x188.7x22.2mm/1140g(M10J), 1020g(M10T), 1028g(M10R)
<b>CPU</b>	N5100(M10J), MT6789(M10T), RK3568(M10R)	<b>Operating System</b>	Windows 11(M10J), Android 14/ GMS (M10T), Android 12 (M10R)
<b>GNSS</b>	GPS+Glonass+Beidou(M10J/M10T), GPS+Beidou(M10R)	<b>Network</b>	4G/WiFi 6/BT5.0(M10J), 4G/WiFi 5/BT5.1 (M10T), 4G/Dual-band WiFi/BT5.0(M10R)
<b>Memory</b>	8GB/4GB+128GB	<b>Battery</b>	5000mAh/7.6V(M10J), 10000mAh/3.8V(M10T/M10R)
<b>Rugged Features</b>	IP65, MIL-STD-810G: 1.22m Drop Resistance Operating Temperature: -20°C to 60°C (M10J/M10T), -15°C to 55°C (M10R) Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	<b>I/O</b>	USB3.0 x1/Type C x1/Standard earjack x1/SIM x1/TF x1/HDMI 2.0a mini x1/12PIN Pogo Pin x1 DC 12V/4A jack x1 (M10J), DC 5V/3A jack x1 (M10T), DC 5V/4A jack x1 (M10R) 3-in-1 Interface: RJ45 x1 (Standard)/USB2.0 x1/RS232 x1



## M10N/M105Q

- Display: 10.1" High Definition and Brightness Screen
- Support Fingerprint, 2D Scanning Engine, NFC Modules

### M10N/M105Q

<b>Display</b>	10.1 inch 1200x1920, 1000nits	<b>Dimension/Weight</b>	274.9x188.7x22.2mm/1140g
<b>CPU</b>	Intel N150 (M10N), QCM6490 (M105Q)	<b>Operating System</b>	Windows 11 (M10N), Android 14/ GMS (M105Q)
<b>GNSS</b>	GPS (M10N), GPS/ GLONASS/ BDS (M105Q)	<b>Network</b>	4G/WiFi 6/BT5.2 (M10N), 5G/WiFi 6E/BT5.2(M105Q)
<b>Memory</b>	8GB/16GB+128GB/256GB	<b>Battery</b>	5000mAh/7.6V (M10N), 10000mAh/3.8V (M105Q)
<b>Rugged Features</b>	IP65, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	<b>I/O</b>	M10N: SIM x1/SD x1/USB3.2 x1/Standard earjack x1/HDMI 2.0a mini x1/5.5mm DC-in jack x1/12PIN Pogo Pin x1, 3-in-1 Interface: RJ45 x1/USB2.0 x1/RS232 x1 M105Q: USB3.0 x1/Type C x1/Standard earjack x1/dual card slot (2 out of 3)/DC 5V/4A jack x1/RJ45 x1/HDMI x1/12PIN Pogo Pin x1



## M195T

- As light as 650g, As thin as 10.5mm
- Dual-Mode 5G Octa-Core Processor

### M195T

<b>Display</b>	10.1 inch 1200x1920, 400nits	<b>Dimension/Weight</b>	263x177x10.5 mm/650g
<b>CPU</b>	MT6833(5G-C)	<b>Operating System</b>	Android 11/GMS
<b>GNSS</b>	GPS/Galileo/GLONASS/BeiDou	<b>Network</b>	5G/Dual-band WIFI/BT5.1
<b>Memory</b>	8GB+128GB	<b>Battery</b>	9500mAh/3.8V
<b>Rugged Features</b>	IP65, MIL-STD-810G: 1.22m Drop Resistance Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	<b>I/O</b>	Type C x1, 2-in-3Card Tray 12PIN Pogo Pin x1



## M20A/M20J

- Intel Core i5/i7
- Optional NFC Module

### M20A/M20J

<b>Display</b>	12.2 inch 1200x1920, 650nits	<b>Dimension/Weight</b>	340.15x231.23x26.19mm/1500g
<b>CPU</b>	Intel i5/i7(M20A) Intel JASPER LAKE N5105(M20J)	<b>Operating System</b>	Windows 11
<b>GNSS</b>	GPS, optional GPS, Beidou, Glonass(M20A)	<b>Network</b>	5G/WIFI 6/BT5.1(M20A), 5G/Dual-band WIFI/BT5.0(M20J)
<b>Memory</b>	16GB+128GB(M20A), 8GB+128GB(M20J)	<b>Battery</b>	6300mAh/7.4V + 860mAh/7.4V
<b>Rugged Features</b>	IP65, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	<b>I/O</b>	M20A: USB3.1 x1, Type C x1, § 3.5mm Standard earjack x1, HDMI x1, SIM card x1, TF card x1, DC 19V 3.42A § 5.5mm jack x1, 12PIN PogoPin x1, RJ45/DB9/USB 2.0/QR Code Scanner (1 out of four) M20J: USB3.0 x1, Type C x1, § 3.5mm Standard earjack x1, HDMI x1, SIM card x1, TF card x1, DC 19V 3.42A § 5.5mm jack x1, 12PIN PogoPin x1, RJ45/DB9/USB 2.0/QR Code Scanner (1 out of four)



## M14A/M14M

- 14" High Definition and Brightness Screen, Rear Rotating Carry Handle
- 53.58Wh + 14.4Wh Dual Battery

M14A/M14M			
Display	14 inch 1080x1920, 1000nits	Dimension/Weight	366.2x246.9x24.8mm/2230g
CPU	i5 1235U/i7 1255U (M14A), 155H/125H (M14M)	Operating System	Windows 11
GNSS	GPS	Network	4G/WiFi 6/BT5.1
Memory	16GB/32GB+256GB/512GB/1TB	Battery	4700mah/11.4V+1300mah/11.1V
Rugged Features	IP65, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB3.2x1/USB2.0x2/TYPE-Cx1/ Standard earjack x1/HDMI 2.0a mini x1/SIMx1/TFx1/RJ45x2/ RS232x1/DC 19V/3.78A jack x1/ 12PIN Pogo Pin x1

## Rugged Notebook



## N14A/N14M

- Intel Core i5/i7
- Optional 5G Network

N14A/N14M			
Display	14inch 1920x1080, 1000nits	Dimension/Weight	363.2*287.4*42.1mm/2970g
CPU	Inter Core i5/i7(N14A) 125H/155H processor (N14M)	Operating System	Windows 11/10
GNSS	GPS or Single GLONASS	Network	4G/WiFi 6/BT5.1
Memory	RAM 16/32GB ROM256GB SSD	Battery	4700mAh/11.4V+1300mAh/11.1V
Rugged Features	IP65, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB3.2x1,USB3.0x1,USB2.0x1, Type Cx1 3.5mm Standard Earph- one Jackx1,HDMIx1 SJM cardx1, TF card x1,RJ45*2,RS232x1 DC19V/ 3.78A5.5mm Power Interface x1 12PIN Pogo Pin x1, Antitheft Lock Slotx1Right-side Cooling Vent x1



## N15A/N15M

- Intel Core i5/i7
- support Thunderbolt 4

N15A/N15M			
Display	15.6inch 1920x1080 1000nits	Dimension/Weight	407*305.8*45.5mm/3520g
CPU	Inter Core i5/i7(N15A) Inter Core Ultra 5/7(N15M)	Operating System	Windows 11/10
GNSS	GPS or Single GLONASS	Network	4G/WiFi 6/BT5.1
Memory	RAM 16/32GB ROM256GB SSD	Battery	4700mAh/11.4V+1300mAh/11.1V
Rugged Features	IP65, MIL-STD-810H: 1.22m anti-drop Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	USB3.2 x1, USB3.0 x1, USB2.0 x1, Type Cx1 3.5mm Standard Earphone Jackx1, HDMIx1, SIM card x1 TF card x1, RJ45x2, RS232x1 DC19V/3.78A5.5mm PowerInterfacex1, 12PIN Pogo Pin x1, Anti-theft Lock Slot x1 Right-side Cooling Vent x1

## Panel PC



## P10A/P15A/P21A

- 12<sup>th</sup> Gen Intel Core i5/i7 CPU
- Covering 10.1/15.6/21.5-inch

P10A/P15A/P21A			
Display	10.1 inch 800x1280, 700nits(P10A) 15.6 inch 1920x1080, 220nits(P15A) 21.5 inch 1920x1080, 250nits(P21A)	Dimension/Weight	257.2x170x45.95mm/1.2kg (P10A) 388.63x248.43x54.95mm/2.4kg (P15A) 537.02x324.02x57.60mm/5.05kg (P21A)
CPU	i5-1235U/i7-1255U	Operating System	Window 11
Memory	16GB/8GB+125GB/256GB/512GB	Network	4G/WIFI 6/BT5.1
Rugged Features	IP65 Front Panel Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	SIM card x1 (P10A only), USB 3.0 x4, DC 19V/3.42A jack x1, Standard earjack x1, RJ45 x2, DB9 x2, HDMI x1, M2 x1



## P10J/P15J/P17J/P18J/P21J

- Intel Jasperlake N5100
- Sealing and fanless design

### P10J/P15J/P17J/P18J/P21J

<b>Display</b>	10.1 inch 800x1280, 700nits(P10J) 15.6inch 1920x1080,220nits(P15J) 17 inch 1280x1024,500nits(P17J) 18.5 inch 1920x1080,250nits(P18J) 21.5 inch 1920x1080,250nits(P21J)	<b>Dimension/Weight</b>	257.20x170.00x45.95mm/1.2kg(P10J) 388.63x248.43x54.95mm/2.4kg(P15J) 401x332x57 mm/4.18kg(P17J) 457x279x54 mm/3.22kg(P18J) 537.02x324.02x57.60 mm/5.05kg(P21J)
<b>CPU</b>	Intel Jasperlake N5100	<b>Operating System</b>	Window 11/10
<b>Memory</b>	RAM 8GB/4GB, ROM 128GB/256GB/ 512GB/64GB	<b>Network</b>	4G/Dual-band WIFI/BT5.0
<b>Memory</b>	IP65 Front Panel, Humidity: 95% Non-Condensing Working temperature: -20°C to 60°C, -30°C to 70°C (P17J) Storage temperature: -30°C to 70°C +8kV contact discharge, ±15kV air discharge	<b>I/O</b>	SIM card x1/USB3.0 x2/USB2.0 x2/DC 12V/4A 12-24V x1/Standard earjack x1/ RJ45 x2/RS232 x2/ HDMI2.0a x1/M.2 x1

## D10R

- 10.1-inch High-Brightness Screen
- Supports Multiple Module Extensions

### D10R

<b>Display</b>	10.1 inch 800x1280, 700nits	<b>Dimension/Weight</b>	315x168x38mm
<b>CPU</b>	RK3568 Quad-Core Processor	<b>Operating System</b>	Android 12
<b>Memory</b>	4GB+64GB	<b>Network</b>	Dual-band WIFI/BT 5.0/4G (optional M2)
<b>Features</b>	Standard: LED Indicator / NFC Card Reader Module Optional: Barcode Scanner Module / Front Camera	<b>Power Adapter</b>	Level 6 DC Desktop Adapter
<b>Memory</b>	IP65 Front Panel Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	<b>I/O</b>	SIM x1 / TF x1, USB 3.0 x1 + USB 3.0 x1 OTG + USB 2.0 x2 DC 12V x1 + Phoenix Terminal, RJ45 x1



## Vehicle PC



## P10R/P15R/P17R/P18R/P21R

- RK3568 quad-core processor
- Running 24/7

### P10R/P15R/P17R/P18R/P21R

<b>Display</b>	10.1 inch 800x1280, 700nits(P10R) 15.6inch 1920x1080,220nits(P15R) 17inch 1280x1024,500nits(P17R) 18.5 inch 1920x1080,250nits(P18R) 21.5 inch 1920x1080,250nits(P21R)	<b>Dimension/Weight</b>	257.20x170.00x45.95mm/1.2kg(P10R) 388.63x248.43x54.95mm/2.4kg(P15R) 401x332x57 mm/4.18kg(P17R) 457x279x54 mm/3.22kg(P18R) 537.02x324.02x57.60mm/5.05kg(P21R)
<b>CPU</b>	RK3568	<b>Operating System</b>	Android 12
<b>Memory</b>	4GB+64GB	<b>Network</b>	4G/WIFI 5(P10R) ,Dual-band WIFI(P15R/ P17R/P18R) ,WIFI(P21R)/BT5.0
<b>Memory</b>	IP65 Front Panel Working temperature: -20°C to 60°C, -30°C to 70°C (P17R) Storage temperature: -30°C to 70°C Humidity: 95% Non-condensing	<b>I/O</b>	Micro SD card x1, SIM card x1 (P10R only)/ USB3.0 x1/USB3.0 x1 OTG/USB2.0 x2/DC IN 12-24V x1/Standard earjack x1/RJ45 x1/ RS232 x2/HDMI x1/M.2 x1

## V80J/V80T

- Display: 8" high definition and brightness screen
- Support battery-free solution

### V80J/V80T

<b>Display</b>	8 inch 800x1280, 1000nits	<b>Dimension/Weight</b>	218.1x154.5x23.0mm/631g(V80J), 611g(V80T)
<b>CPU</b>	Intel JASPER LAKE N5100(V80J) MT6789(V80T)	<b>Operating System</b>	Windows 10 Home, optional: Ubuntu 22.04.4, Ubuntu22.04.6 (V80J)
<b>Memory</b>	8GB/4GB+128GB/64GB	<b>Network</b>	4G/Dual-band WIFI/BT5.0(V80J), BT5.2(V80T)
<b>Memory</b>	IP65, Humidity: 95% Non-Condensing Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C +8kV contact discharge, ±15kV air discharge	<b>I/O</b>	V80J Standard: USB 3.0 x1/DC Input: 11-24V V80J Optional: Nano-SIM x1/RJ45 (1000M)/RS232 x1 +3pin RS485 x1/3pin RS232 x2/USB 2.0 x2+USB 2.0 (default)/CAN x1 V80T Standard: MICRO-SIM x1/USB 2.0k 1/DC Input: 12V V80T Optional: RJ45 (100M)/RS232 x1+RS232/RS485 (standard) x1/USB 2.0x1+USB 2.0 (default)/CAN x1+ CVBS x1



## V10J/V10T

- ARM/X86 architecture CPU
- Multiple interfaces can be expanded

### V10J/V10T

Display	10.1 inch 800x1280, 1000nits	Dimension/Weight	264.5x184.1x23.0mm/834g(V10J), 824g(V10T)
CPU	Intel JASPER LAKE N5100(V10J) MT6789(V10T)	Operating System	Windows 11 (V10J) Android 12 GMS (V10T)
Memory	8GB/4GB+128GB/64GB	Network	4G/Dual-band WIFI/BT5.1(V10J), BT5.2(V10T)
Rugged Features	IP65 Front Panel, Humidity: 95% Non-Condensing Working temperature: -20°C to 60°C Storage temperature: -30°C to 70°C +8kV contact discharge, ±15kV air discharge	I/O	V10J Standard: MICRO-SIM x 1/USB3.0 x1/M12-8 (Input: 12~24V) V10T Standard: MICRO-SIM x 1/USB2.0 x1/M12-8 (Input: 12V) V10J Optional: RJ45 x1/R5232 x1+R5485 x1+R5232 x2/USB2.0 x3+USB2.0 x2+CAN x1 V10T Optional: RJ45 x1/R5232 x1+R5485 x1+R5232 x2/USB2.0 x3+USB2.0 x2+CAN x1



## V12R

- RK3568 CPU+Android 12/Linux
- IP65+Wide range of voltage fluctuations and temperatures operations

### V12R

Display	10.1inch 1024x800, 600nits	Dimension/Weight	282x181x31mm/1150g
CPU	RK3568	Operating System	Android 12 + Linux
Memory	4GB +64GB	Network	4G/Dual-band WIFI/BT5.0
Rugged Features	IP65, Humidity: 95% Non-Condensing Working temperature: -20 °C to 60 °C (HD), Optional -30°C to 70°C (LVDS) Storage temperature: -30 °C to 70 °C (HD), Optional -40 °C to 85 °C (LVDS) ±6kV contact discharge, ±10kV air discharge	I/O	Standard: Micro SD x1/Nano-SIM x1/ USB2.0 x1/AHD x 4/EX_CAB_FULL Optional: TNC x2/SMA x2

## PRODUCT GALLERY



Outdoor Rugged



Rugged Handhelds



Rugged Tablet PCs



Rugged Notebooks



Industrial PCs



Vehicle PCs



Customized Devices



# Industry Applications



# Online Promotion Channels

## Domestic



## Overseas

