



Brand Introduction

ONERugged, is a brand of Shenzhen Emdoor Information Co., LTD. (Emdoor Information for short, stock code: 001314.SZ), and an 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 pain points. 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

- Display: 6" large and slim screen, Weigh: 255g
- NA/NSA dual-mode 5G

H60T				
Display	5.99 inch 720x1440, 380nits	Dimension/Weight	164.0x80.0x14.0mm/255g	
CPU	ARM Octa-core	Operating System	Andriod 12, optional GMS	
GNSS	Front 5.0MP, Rear 13.0MP	Network	4G , 5G/Dual Band WiFi/BT5.1	
Memory	4GB+64GB	Battery	4500mAh/3.8V	
Rugged Features	IP65 , MIL-STD-810H: 1.2m anti-drop Working temperature: -10 °C to 50 °C Storage temperature: -20 °C to 60 °C Humidity: 95% Non-Condensing	I/O	TYPE-C 2.0 x1 OTG/TF card x1, Two nano card, Two out of three card holders/ Pogo Pin (Base Charge) x1	



M10A

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

M10A				
Display	10.1 inch 1200x1920 , 700nits	Dimension/Weight	292.1 x192.1 x28.9mm/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+7.4V/860mAh	
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	USB 3.1 x1/ Type C x1/TF/SIM card x1, 3.5mm Standard earjack x1 / 12PIN Pogo Pin x1 DC 19V 3.42A jack x1/ HDMI 2.1a mini x1 RJ45/D89/USB2.0/QR Code Scanner, 1 out of 4	



M20A/M20J

- Intel Core i5/i7
- Optional NFC module

M20A/M20J				
Display	12.2 inch 1200x1920 , 650nits	Dimension/Weight	340.15x231.23x26.19mm/1500g	
CPU	Intel Core i5/i7(M20A) Intel JASPER LAKE N5105(M20J)	Operating System	Windows 11	
GNSS	GPS , optional GPS , Beidou , Glonass(M20A)	Network	5G/WIFI 6/BT5.1(M20A) , 4G/Dual WIFI/BT5.0(M20J)	
Memory	16GB+128GB(M20A), 8GB+128GB(M20J)	Battery	6300mAh/7.4V+7.4V/860mAh	
Rugged Features	IP65 , MIL-STD-810H: 1.22m Drop Resistance Working temperature: -20 °C to 60 °C Storage temperature: -30 °C to 70 °C Humidity: 95% Non-Condensing	I/O	USB3.1x1(M20A)/USB3.0x1(M20J)/Type Cx1/USB2.0x1 Standard earjack x1/HDMI 2.1a mini x1(M20A) HDMI 2.0a mini x1(M20J)/SIM cardx1,TF cardx1/ DC 19V 3.42A 5.5mm jack x1/12PIN Pogo Pinx1 RJ45x1/D89x1/QR Code Scanner x1,1 out of 4	



M87J

- Intel Celeron N5100 Processor
- Removable High-Capacity Battery

M87J				
Display	8-inch 1200x1920, 550 nits	Dimension/Weight	236.7x155.7x20 mm / 910g	
CPU	Intel JASPER LAKE N5100	Operating System	Windows 10	
GNSS	GPS, GLONASS	Network	4G / Dual-Band WiFi / BT 5.1	
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	



M17J

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

M17J				
Display	10.1-inch 1280x1920, 400 nits	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	

Rugged Mobile PC



M80J/M80T

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

M80J/M80T				
Display	8 inch 1200x1920/800x1280 , 550nits/1000nits	Dimension/Weight	236.7x155.7x20.8mm/818g(M80J)/820g(M80T)	
CPU	Intel JASPER LAKE N5100(M80J) ARM Octa-core(M80T)	Operating System	Windows 10(M80J)/Andriod 12 GMS(M80T)	
GNSS	GPS+Glonass+ Beidou	Network	4G/Dual BandWiFi/BT5.0(M80J),BT5.1(M80T)	
Memory	8GB+128GB	Battery	5000mAh/7.6V(M80J), 10000mAh/3.8V(M80T)	
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: USB 3.0 x1/Type C x1/Standard earjackx1/TF x1/ SIM card x1/ DC 19V 3.42A jack x1/HDMI 2.0a mini x1/ 12PIN Pogo Pin x1 M80T: USB 2.0 x1/Type Cx1/Standard earjackx1/ DC 5V/3A jack x1 / Nano-SIM/Micro SD 3-in-1 card holder/ 12PIN Pogo Pin x1	



M10J/M10T

- Display: 10.1" high definition and brightness screen
- Optional NFC module

M10J/M10T				
Display	10.1 inch 800x1280/1200x1920 ,1000nits/700nits	Dimension/Weight	274.9x188.7x22.2mm/1140g(M10J) , 1020g(M10T)	
CPU	Intel JASPER LAKE N5100(M10J) ARM Octa-core (M10T)	Operating System	Windows 11(M10J)/Android 12 GMS(M10T)	
GNSS	GPS+Glonass+ Beidou	Network	4G/BT5.0/WIFI 6 (M10J) 4G/BT5.1/Dual-Band WIFI (M10T)	
Memory	8GB+128GB	Battery	5000mAh/7.6V(M10J), 10000mAh/3.8V (M10T)	
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	M10J: USB 3.0 x1/Type C x1/Standard earjack x1/TF x1/ SIM cardx1/DC 19V 3.42A jack x1/HDMI 2.0a mini x1/ 12PIN Pogo Pin x1/USB 2.0 x1/RJ45/RS232/Chose 1 from 3 M10T: USB 2.0x1/Type Cx1/Standard earjackx1/ Nano-SIM/Micro SD/Nano-SIM3-in-1 card holder/RJ45 x1 DC 5V/3A jackx1/12PIN Pogo Pin x1/HDMI x1	



M81T

- Helio G99 Flagship Chipset
- Android 14 OS

M81T				
Display	8-inch 800x1280, 700 nits	Dimension/Weight	227.7x150.8x24.7 mm / 680g	
CPU	ARM Architecture Processor	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	



M11T

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

M11T				
Display	10.1-inch 800x1280, 700 nits	Dimension/Weight	275.7x187.5x24.5 mm / 1000g	
CPU	ARM Octa-Core Processor	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	



M195T

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

M195T				
Display	10.1-inch 1280x1920, 400 nits	Dimension/Weight	263x177x10.5 mm / 650g	
CPU	ARM Octa-Core Processor	Operating System	Android 11 / GMS	
GNSS	GPS / Galileo / GLONASS / BeiDou	Network	5G / Dual-Band WiFi / BT 5.1	
Memory	RAM 16GB/32GB, SSD 256GB/512GB/1TB	Battery	9500mAh / 3.8V	
Rugged Features	IP65, MIL-STD-810G: 1m Drop Resistance Operating Temperature: -10°C to 50°C Storage Temperature: -20°C to 60°C Humidity: 95% Non-condensing	I/O	Type-C x1, 2-in-3 Card Tray, 12-Pin Pogo Pin x1	

Scan The QR Code To Learn More



ONERugged WeChat official account



ONERugged official website

Shenzhen Emdoor Information Co. Ltd.

400 - 830 - 4882

Website: www.onerugged.com
E - mail : inquiry@onerugged.com

Rugged Notebook



N14T

- Intel Tiger Lake i5/i7
- Optional 5G network

N14T			
Display	14 inch 1920x1080, 700nits/1000nits	Dimension/Weight	363.2*287.4*42.1mm//3101g
CPU	Intel Tiger Lake i5/i7	Operating System	windows 11
GNSS	GPS	Network	4G , 5G/WIFI 6/BT5.1
Memory	RAM 16GB/32GB , SSD 256GB/512GB/1TB	Battery	6300mAh/7.4V+7.4V/1750mAh
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	USB 2.0 x1/USB 3.0 x3/SD Card x1/TF x1/HDMI x1 SIM Card x1/3.5mm standard earphone jack x1 DC 19V 3.42A Power connector x1/RJ45 x2/ Anti theft lock hole x1/SPIN Pogo Pin x1/ DB9 (RS232) x1/Heat dissipation air outlet (right) x1



N15T

- Large and small batteries are hot-swappable
- Full-size and full-function keyboard

N15T			
Display	15.6 inch 1920x1080, 700nits	Dimension/Weight	407.0x305.8x45.5mm/3.3kg
CPU	Intel Tiger Lake i5/i7	Operating System	Windows 11/10
GNSS	GPS,Optional GPS+Beidou	Network	4G , 5G/WIFI 6/BT5.1
Memory	RAM 16GB/32GB , SSD 256GB/512GB/1TB	Battery	6300mAh/7.4V+1750mAh/7.4V
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	USB 2.0 x1/USB 3.0 x3/SD Card x1/TF x1/SIM Card x1 3.5mm standard earphone jack x1/HDMI x1 DC 19V 3.42A Power connector x1/RJ45 x2/ Anti theft lock hole x1/SPIN Pogo Pin x1/ DB9 (RS232) x1/Heat dissipation air outlet (right) x1

Panel PC



P10A/P15A/P21A

- Cores i5/i7 CPU
- Running 24/7

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	RAM 8GB, ROM 128GB/256/512GB	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	I/O	USB3.0x4/DC 19V x1/ standard earphone jack x 1/ RJ45x1(P10A),RJ45 x2(P15A/P21A)/ RS232x2/HDMI x1/M2x1



P10J/P15J/P21J

- Intel Jasperlake N5100
- Sealing and fanless design

P10J/P15J/P21J			
Display	10.1 inch 800x1280, 700nits(P10J) 15.6 inch 1920x1080, 220nits(P15J) 21.5 inch 1920x1080, 250nits(P21J)	Dimension/Weight	257.20x170.00x45.95mm/1.2kg (P10J) 388.63x248.43x54.95mm/2.4kg (P15J) 537.02x324.02x57.60mm/5.05kg(P21J)
CPU	Intel Jasperlake N5100	Operating System	Window 11/10
Memory	RAM 8GB/4GB, ROM 128GB/64GB/256GB	Network	4G/Dual Band WIFI/BT5.0
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	USB 3.0x2/USB 2.0x2/DC IN 12-24Vx1/ Standard Earphone Jack x1/RJ45 x2/ RS232x2/ HDMI 2.0ax1



P10R/P15R/P21R

- RK3568 quad-core processor
- Running 24/7

P10R/P15R/P21R			
Display	10.1 inch 800x1280, 700nits(P10R) 15.6 inch 1920x1080, 220nits(P15R) 21.5 inch 1920x1080, 250nits(P21R)	Dimension/Weight	257.20x170.00x45.95mm/1.2kg (P10R) 388.63x248.43x54.95mm/2.4kg (P15R) 537.02x324.02x57.60mm/5.05kg(P21R)
CPU	RK3568	Operating System	Android 12
Memory	4GB+64GB	Network	4G/WIFI/BT5.0
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	USB3.0x1/USB3.0x1 OTG/USB2.0x2/ DC IN 12-24Vx1/Standard Earphone Jack x1/ RJ4x1/ RS232x2/HDMI x1



D10R

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

D10R			
Display	10.1-inch 800x1280, 700 nits	Dimension/Weight	315x168x38 mm
Features	Standard: LED Indicator / NFC Card Reader Module Optional: Barcode Scanner Module / Front Camera	Power Adapter	Level 6 DC Desktop Adapter
CPU	RK3568 Quad-Core Processor	Operating System	Android 12
Memory	4GB + 64GB	Network	Dual-Band WIFI / BT 5.0
Rugged Features	Front Panel: IP65 Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	SIM x1 / TF x1, USB 3.0 x1 + USB 3.0 x1 OTG + USB 2.0 x2 DC 12V x1 + Phoenix Terminal, RJ45 x1



B10A/B10J/B10R

- Compact Design: Flexible Installation
- Wide Temperature and Voltage Range: Continuous Stability

B10A/B10J/B10R			
Display	B10A: i5-1235U / i7-1255U B10J: Intel N5100 B10R: RK3568	Dimension/Weight	264x135.2x37.2 mm / 1.0 kg
Memory	4/8GB + 64/128/256/512GB	Operating System	Windows 11 / Android 12
Rugged Features	Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	Network	B10A: WIFI 6 / BT 5.0 / Optional 4G B10J/B10R: WIFI / BT 5.0
		I/O	B10A: USB 3.0 x4, DC 19V x1 B10J: SIM x1, USB 3.0 x2 / USB 2.0 x2 B10R: SIM Card Slot x1, TF x1, USB 3.0 x1 + USB 3.0 x1 OTG + USB 2.0 x2, RJ45 x1 B10J/B10R: DC IN 12-24V x1, RJ45 x2 B10A/B10R: M.2 x1, DB9 x2, HDMI x1, Headphone Jack x1



PT15/PT21

- Industrial-Grade Large Screen: High Resolution
- Versatile Input and Display Interfaces

PT15/PT21			
Display	15.6 inch 1920x1080, 220 nits (PT15) 21.5 inch 1920x1080, 250 nits (PT21)	Dimension/Weight	PT15: 388.63 x 248.43 x 54.95 mm / TBD PT21: 537.02 x 324.02 x 57.60 mm / 5.05 kg
CPU	Realtek RTD25XX	Power Adapter	AC 100V ~ 240V, 50Hz/60Hz, Output: DC 12V/4A
Touch Screen	10-point capacitive touch (Optional non-touch version)		
Rugged Features	Front Panel: IP65 Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 95% Non-condensing	I/O	DC 12V x1/HDMI x1/VGA x1/DVI x1/USB Type B 3.5mm Standard Audio Jack x1 3.5mm Standard Headphone Jack x1

Vehicle PC



V80J/V80T

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

V80J/V80T			
Display	8 inch 800x1280, 1000nits	Dimension/Weight	218.1x154.5x23.0mm/631g(V80J),611g(V80T)
CPU	Intel JASPER LAKE N5100(V80J) ARM octa-core(V80T)	Operating System	Windows 10(V80J) Android 12 GMS (V80T)
Memory	8GB+128GB(V80J),4GB+64GB(V80T)	Network	4G/WIFI/BT5.0(V80J),BT5.2(V80T)
Rugged Features	IP65, Working temperature: -20 °C to 60 °C Storage temperature: -30 °C to 70 °C ±8kV contact discharge, ±15kV air discharge Humidity: 95% Non-Condensing	I/O	SIM x1 (Power interface x1 /USB 3.0x1 (V80J), USB 2.0 x1 (V80T) optional 1000M x1 (V80J), 100M x1 (V80T), RS232 x1+RS232/RS485 x1 , USB 2.0 x2+CAN/CVBx1



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) ARM octa-core(V10T)	Operating System	Windows 11 (V10J) Android 12 GMS (V10T)
Memory	8GB+128GB(V10J),4GB+64GB(V10T)	Network	4G/Dual WIFI/BT5.0(V10J),BT5.2(V10T)
Rugged Features	IP65 Working temperature: -20 °C to 60 °C Storage temperature: -30 °C to 70 °C ±8kV contact discharge, ±15kV air discharge Humidity: 95% Non-Condensing	I/O	SIM card /Power interface x1/USB 3.0 x1 (V10J) / USB 2.0 x1 (V10T) optional 1000M network interface x1 (V10J), 100M network interface (V10T) RS232x2/RS485x1 USB 2.0 x2/CANx1+CVBSx1



V12R

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

V12R			
Display	10.1 inch 1280*800, 700 nits (Optional 1024*600,750 nits)	Dimension/Weight	282x181x31mm/1150g
CPU	RK3568	Operating System	Android 12 + Linux
Memory	RAM 4GB/8GB , ROM 64GB/128/256GB	Network	4G/Dual 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	MICRO-SIM x1, SD x1, USB 2.0 x1, AHD x8, TNC x2 / SMA x2, 26-Pin Deutsch Connector Optional Modules: CAN Bus, RTK High-Precision Positioning (UM982), Data Radio, AHD Multi-Channel Camera



Your one-stop rugged computing solution provider

