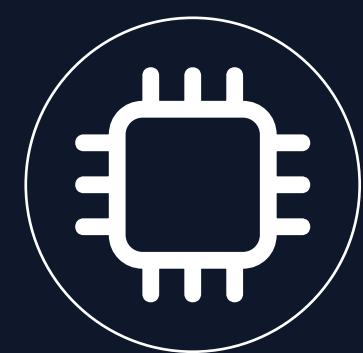# ONErugged

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, 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

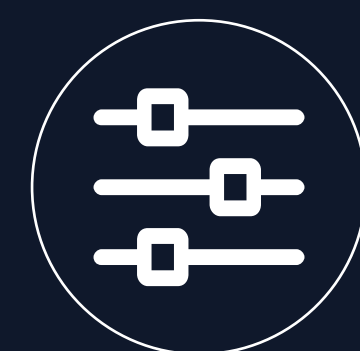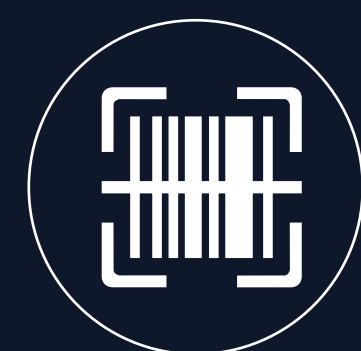|				
12th Gen Intel Processors	Windows 11	10.1-inch screen	700 nits highlighting	Wi-Fi/BT 5.1/4G
16GB RAM 128GB SSD	Dual battery life	Rich interface expansion	Four-choice module bit	IP65 protection level

M10ARugged Mobile PC

Specifications

ONERugged

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/㎡

Touch Pannel
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, NXP300

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
∮3.5mm *1
TF/SIM *1
 DC *1
HDMI mini *1
12PIN Pogo Pin *1
Expansion Module:
RJ45(10/100M) *1/RS232 *1
USB2.0 *1/QR Code Scanner

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