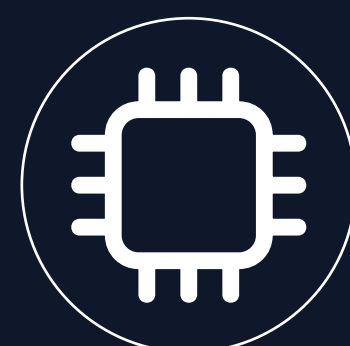


# Rugged Mobile PC

# M20J

- 12.2-inch large-size full HD high-brightness screen, supporting 10 point capacitive touch
- Equipped with desktop-level N5100/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, HDMI 2.0a Mini , multiple interfaces for your choice
- Modularization design, choose 1 of 4 optional modules: network port/ serial port/ USB port/ 2D barcode module
- 860mAh 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



N5100/N5105 processor



Windows 11 Pro Operating System



12.2 inch FHD screen



650cd/m<sup>2</sup> Brightness



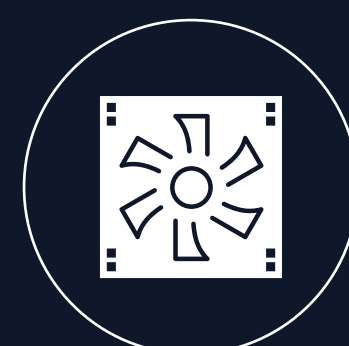
Dual frequency WiFi



Press-type fingerprint recognition



Two batteries, Long standby



Active quiet fan cooling system



128GB SSD



IP65

# Rugged Mobile PC M20J

## Specifications



**CPU**  
Standard: N5100 processor  
Optional: 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/m<sup>2</sup>

**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**  
6Ω /0.8W Waterproof Speaker \*1

**Battery**  
Build in Lithium-ion polymer battery  
7.4V/860mAh (Non-removable)  
Removable Li-polyment Battery  
7.4V/6300mAh

**Internet**  
Optional 5G / Dual-band WiFi /  
BT5.0

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

**GPS**  
Support

**NFC**  
Optional

**Certification**  
IP65

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

**Fingerprint**  
Press-type fingerprint  
recognition

**I/O Interface**  
USB3.0 \*1  
Type C \*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 \*1  
Expansion Module:  
RJ45(10/100M/1000M) \*1/RS232 \*1  
USB2.0 \*1/QR Code Scanner

**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



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



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