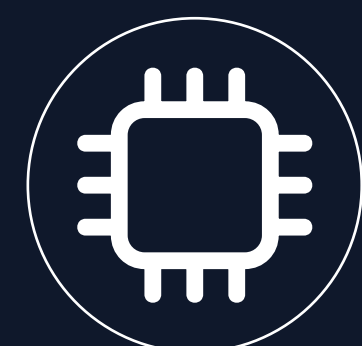


Rugged Mobile PC

TB-PEM-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, 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



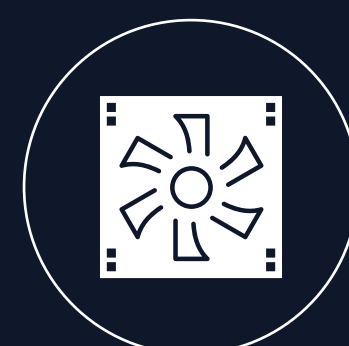
Dual frequency WiFi



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 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 1.4a 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

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

