

Rugged mobile PC

M80J (Linux version)

- With the Quad-core Intel JASPER LAKE N5100 processor and Ubuntu operating system, M80J presents an outstanding performance.
- Designed for a rugged, compact and anti-fall body with PC material of backplane, and TPU material of frame, full protection for four corners.
- Full 8-inch IPS display with 700 nits high brightness, and a 5-point touch panel, providing excellent readability for both indoors and outdoors.
- Couple with 7.6V/5000mAh high-capacity detachable battery, M80J ensures a long-lasting stability and easy mobile work for multiple shifts.
- Built-in 2.4GHz and 5GHz dual-band WiFi, providing faster seamless connection in any workplaces.
- Built-in 2G/3G/4G and Bluetooth 5.0 communication modules, capable of multi-satellite running with GPS/Glonass/Beidou, providing accurate navigation and positioning.
- 2D barcode scan engine and NFC modules for options.
- Extensive interfaces such as USB 3.0, Type-C and HDMI 2.0a Mini for diverse applications scenarios.
- Passed the IP65 and MIL-STD-810H test, presenting solid waterproof and dustproof performance in the harsh environment.



				
N5100 processor	Linux OS Operating System	8 inch IPS display	700cd/m ² Brightness	2D barcode scan engine
				
Dual-band WiFi	5000mAh	Front 5.0MP Rear 8.0MP	GPS/GLONASS/Beidou	IP65

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Specifications



 **CPU**
N5100 processor


 **Operating System**
Ubuntu-20.4.5

 **Memory**
RAM: 8GB LPDDR4x
ROM: 128GB EMMC

 **Display**
Type: IPS
Size: 8 inch 16:10
Resolution: 800*1280
Brightness: 700cd/m²

 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
236.7*155.7*20.8mm
818g

 **Buttons**
Power *1 (yellow)
Volume+ *1
Volume- *1
P1 key*1 (HOME key)
F key *1
(Barcode Scanning, connected to GPIO)

 **Speaker**
8Ω/1W Waterproof Speaker *2

 **Battery**
Removable Li-polyment Battery
7.6V/5000mAh


 **WIFI**
WIFI 802.11 a/b/g/n/ac (2.4G+5G)

 **Bluetooth**
BT5.0 (BLE)


 **WAN**
2G/3G/4G

 **GPS**
GPS+GLONASS
+Beidou


 **NFC**
Optional

 **I/O Interface**
USB 3.0 *1 (Type A)
Type C *1 (Data & Charing)
3.5mm Standard earjack *1
TF *1 Max: 512G
SIM card*1
DC 19V 3.42A jack x1
HDMI 2.0a mini *1
12PIN Pogo Pin *1

 **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**
DC 19V 3.42A dapter

 **2D Code**
Optional

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



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