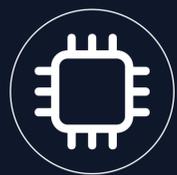


Vehicle PC

V80J (Linux version)

- Equipped with Quad-core Intel JASPER LAKE N5100 processor and Ubuntu operating system, up to 8GB+128GB high-speed capacity.
- 8-inch screen with 700-Nits high brightness display, multiple-point touch panel and customized keys , ensuring outdoor worker visibility.
- 4G LTE, dual-band Wi-Fi and Bluetooth 5.0 connectivity. Multi-satellite systems of GPS/Glonass/Beidou, with available vehicle mushroom antenna for real-time tracking to your vehicle and asset management.
- With aviation plug charging interface, switchable for cigarette lighter interface or $\Phi 5.5$ power port, and the external 9V-36V DC wide voltage module is optional.
- Supports the battery-free mode, another optional 7.4V/1000mAh capacity battery.
- Available multiple navigation plug interfaces, and also supports USB/DB9/LAN/CAN and other interface extensions.
- Two bracket mounting methods, VESA and RAM are suitable for almost any vehicle-mounted workplaces.
- IP65 dustproof and waterproof, morphed to endure outdoor applications prone with shock, vibration and extreme temperature.



Intel JASPER LAKE
N5100



Linux OS
Ubuntu
Operating System



8-inch screen



700cd/cm²



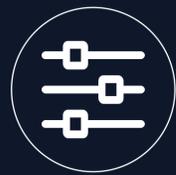
Dual frequency Wi-Fi



GPS/GLONASS/
Huada Beidou



Stable power
supply



Rich interface
extensions



VESA/RAM



IP65

Vehicle PC V80J

Specifications



 **CPU**
Intel JASPER LAKE N5100

 **Operating System**
Ubuntu22.04.4

 **Memory**
RAM: 8GB LPDDR3
ROM: 128GB EMMC

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

 **Touch Panel**
5 points Capacitive

 **Dimension/Weight**
218.1*154.5*23.0 mm
631g

 **Buttons**
Power *1
Volume Adjustment Key (+) *1 (F1 Key)
Volume Adjustment Key (-) *1 (F2 Key)
Customizable *1 (F3 Key)
Customizable *1 (F3 Key)

 **Speaker**
1.5W *1, Single horn
(Maximum 2W)

 **Battery**
Optional,
Built in polymer lithium ion battery
1000mAh/7.4V

 **WIFI**
WIFI 802.11(a/b/g/n/ac)
Dual frequency 2.4G+5.8G

 **Bluetooth**
BT5.0 (BLE)
Transmitted distance: 10m

 **WAN (Optional)**
4G

 **GPS**
GPS/GLONASS
Optional, Huada Beidou/Ublox M8Q

 **Adapter**
19V 3.42A Cigarette Lighter Adapter
19V 3.42A DC φ5.5 power adapter

 **I/O Interface**
SIM card slot (optional) Nano-SIM *1
USB 3.0 *1, USB A port
DC input (Input: 11~24V)
1000M network interface
RS232 *1+RS232/RS485 *1, 9PIN
DB9 full function serial port
RS232
USB 2.0 *1+USB 2.0 (Default) /
CAN*1+CVBS*1
USB2.0 standard interface *2;
Optional CAN for customer
debugging

 **Certification**
IP65

 **Rugged Features**
Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
±8kV contact discharge,
±15kV air discharge
Humidity: 95% Non-Condensing

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



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