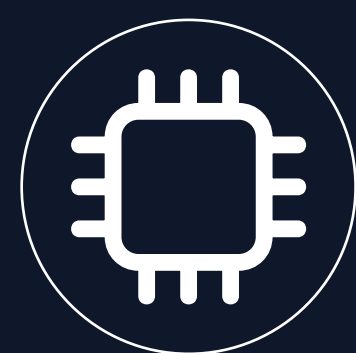


# Vehicle PC

# V80J (Linux version)

- Equipped with Quad-core Intel JASPER LAKE N5100 processor and Ubuntu operating system, up to 4GB+64GB 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/cm<sup>2</sup>



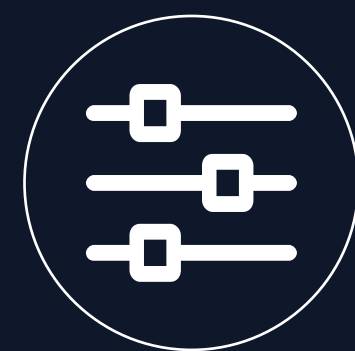
Dual frequency Wi-Fi



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: 4GB LPDDR3  
ROM: 64GB EMMC


 **Display**  
Type: LCD  
Size: 8 inch 16:10  
Resolution: 800\*1280 IPS  
Brightness: 700cd/m<sup>2</sup>


 **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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