

# Vehicle PC

# V10J (Linux version)

- Equipped with Quad-core Intel JASPER LAKE N5100 processor and running Ubuntu OS, up to 8GB + 128GB high-speed capacity.
- 10.1-inch screen, 700 cd/m<sup>2</sup> 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 Φ5.5 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



10.1-inch screen



700cd/m<sup>2</sup>



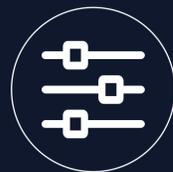
Wi-Fi/BT/4G



GPS/GLONASS/  
Huada Beidou



Stable power  
supply



Rich interface  
extensions



VESA/RAM



IP65

# Vehicle PC V10J

## Specifications



 **CPU**  
Intel JASPER LAKE N5100

 **Operating System**  
Ubuntu22.04.4

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

 **Display**  
Type: HD  
Size: 10.1 inch 16:10  
Resolution: 800\*1280 IPS  
Brightness: 700cd/m<sup>2</sup>

 **Touch Panel**  
5 points Capacitive

 **Dimension/Weight**  
264.5\*184.1\*23.0 mm  
834g

 **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)

 **WAN (Optional)**  
4G

 **GPS**  
GPS, GLONASS  
Optional, Huada Beidou

 **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, HOST data transmission  
DC input (Input: 11~24V)  
1000M network interface  
RS232 \*1+RS232/RS485 \*1  
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



 Tel: 400-830-4882

 [www.onerugged.com](http://www.onerugged.com)

 [inquiry@onerugged.com](mailto:inquiry@onerugged.com)

 Emdoor Building, No.8 Guangke 1st Road, Pingshan District, Shenzhen