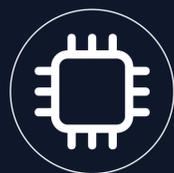
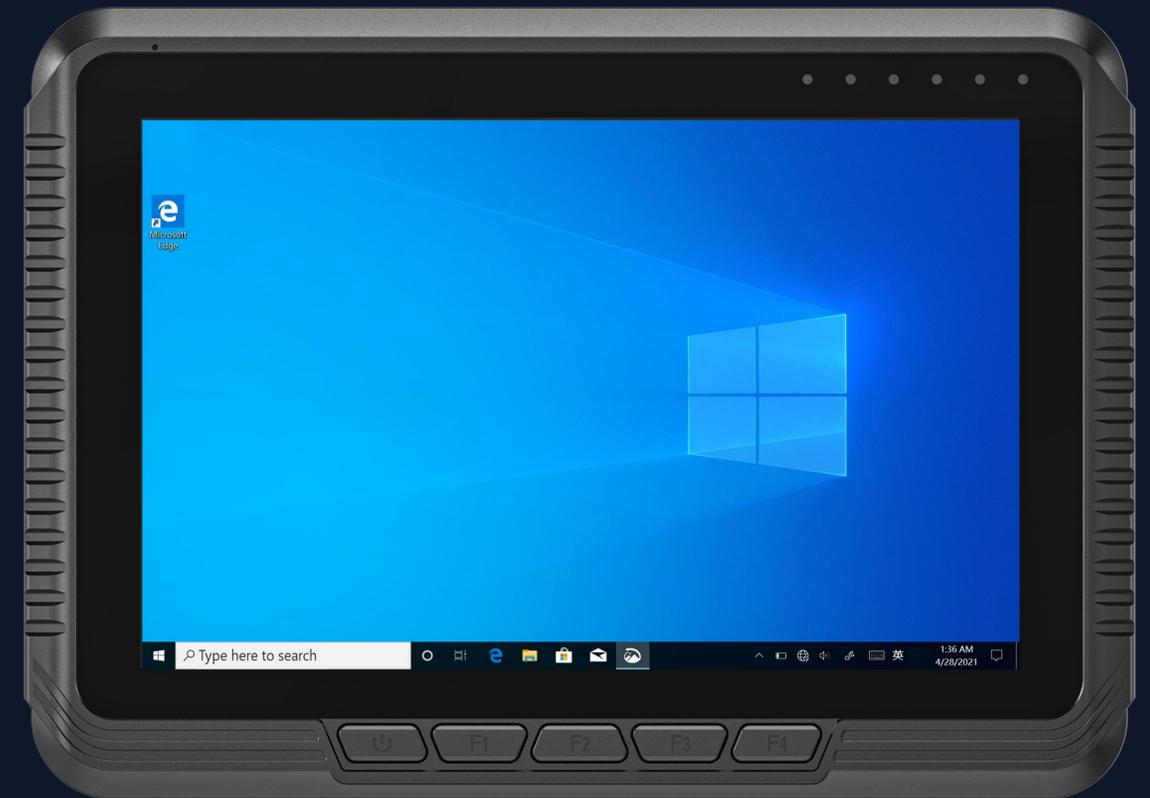


Vehicle PC

V80J

- Equipped with Quad-core Intel JASPER LAKE N5100 processor and Windows 10 operating system, up to 8GB+128GB high-speed capacity.
- 8-inch screen with 1000-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, 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



Windows 10
Operating System



8-inch screen



1000cd/cm²



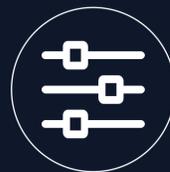
Dual frequency Wi-Fi



GPS/GLONASS



Stable power
supply



Rich interface
extensions



VESA/RAM



IP65

Vehicle PC V80J

Specifications



CPU
Intel JASPER LAKE N5100

Operating System
Windows 10 Home
Optional:
Ubuntu22.04.4,
Ubuntu22.04.6

Memory
RAM: 8GB LPDDR3
ROM: 128GB EMMC

Display
Type: HD
Size: 8 inch 16:10
Resolution: 800*1280 IPS
Brightness: 1000cd/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
2.5W Single Horn

Battery
Built in polymer lithium ion battery
1000mAh/7.4V
Built in 2032 RTC dry battery

Internet
Optional 4G
Dual-band WiFi/BT5.0

GPS
GPS/GLONASS

NFC (Optional)
Optional

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

I/O Interface
SIM card slot (optional) Nano-SIM *1
Standard USB-A port
DC input (Input: 11~24V),
PORT1 (M12-12) (optional)
1000M network interface,
PORT2 (M12-12) (optional)
RS232 *1+RS485 *1, 9PIN full
function serial port RS232*1+3PIN
serial port RS485*1/
RS232 *1+RS232 *1, 3PIN serial port
RS232*1+3PIN serial port RS232*1
PORT3 (M12-12) (optional)
USB 2.0 *2+USB 2.0 (Default) / CAN*1
USB2.0 standard interface *2;
Optional CAN for customer
debugging

Adapter
19V 3.42A Cigarette Lighter Adapter
12V 4A DC φ5.5 power adapter



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



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