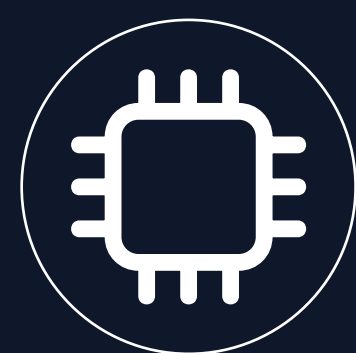


Vehicle PC

TB-PEM-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/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



Windows 10
Operating System



8-inch screen



1000cd/cm2



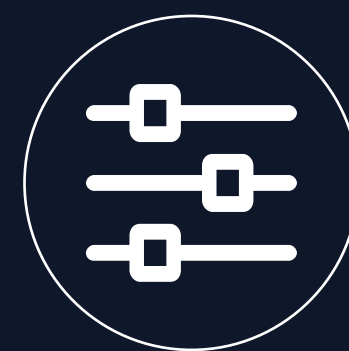
Dual frequency Wi-Fi



GPS/GLONASS/
Huada Beidou



Stable power
supply



Rich interface
extensions



VESA/RAM



IP65

Vehicle PC TB-PEM-V80J

Specifications

CPU
Intel JASPER LAKE N5100

Operating System
Windows 10 Home

Memory
RAM: 4GB LPDDR3
ROM: 64GB EMMC
Update to 8+128GB

Display
Type: LCD
Size: 8 inch 16:10
Resolution: 800*1280 IPS
Brightness: 700cd/m²
Optional 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
1.5W *1, Single horn
(Maximum 2W)

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

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

GPS
GPS/GLONASS
Optional, Huada Beidou/Ublox M8Q

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 / Data transmission
DC input (Input: 11~24V),
PORT1 (M12-12) (optional)
1000M network interface,
PORT2 (M12-12) (optional)
RS232 *1+RS232/RS485 *1,
PORT3 (M12-12) (optional)
USB 2.0 *1+USB 2.0 (Default) / CAN*1
+CVBS*1
USB2.0 standard interface *2;
Optional CAN for customer debugging

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



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