Vehicle PC
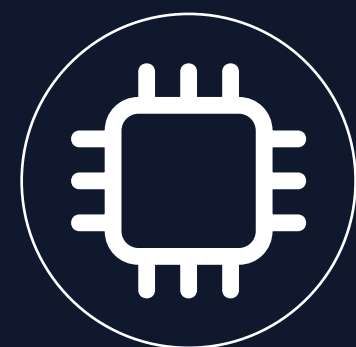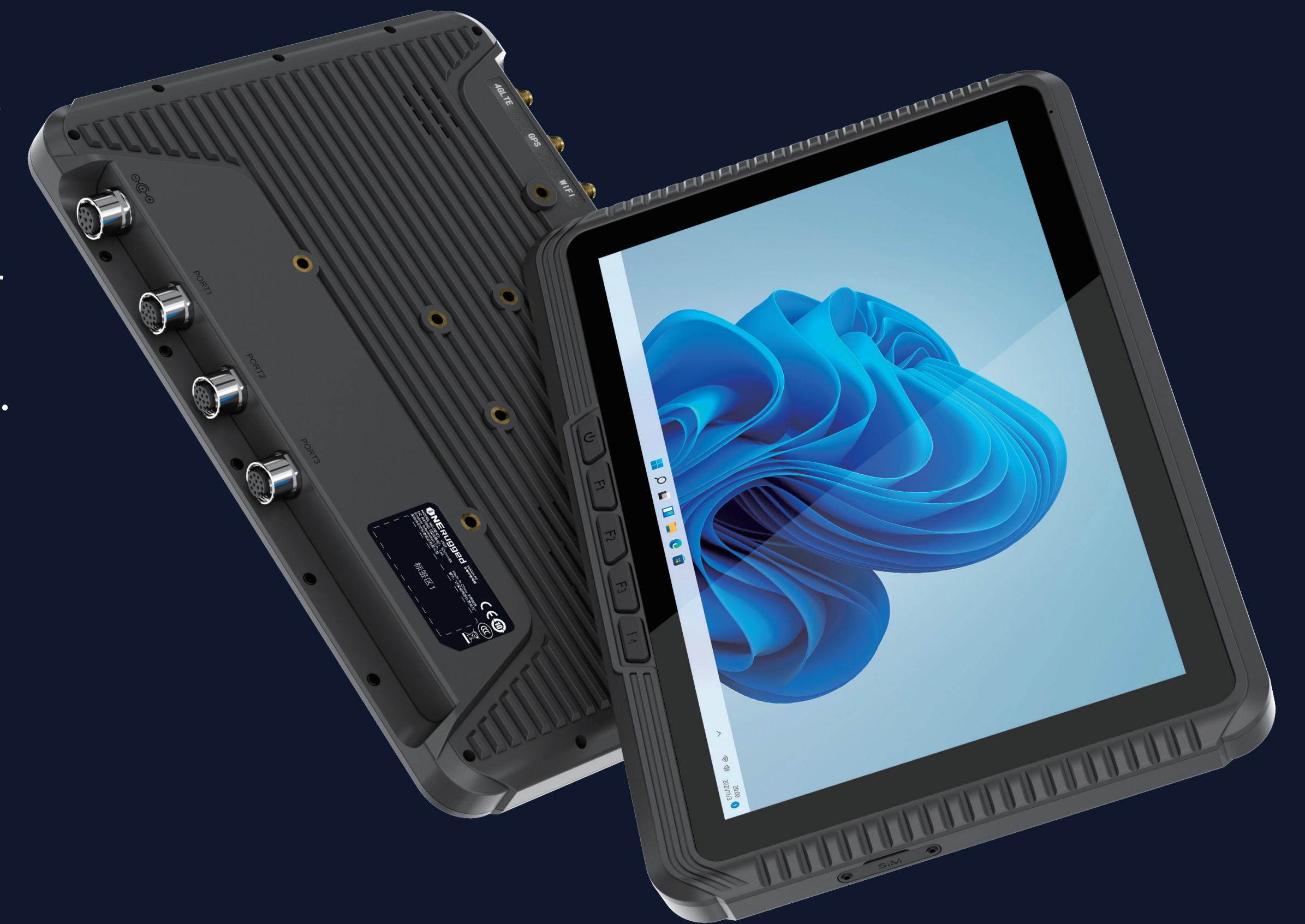
TB-PEM-V10J

● Equipped with Quad-core Intel JASPER LAKE N5100 processor and running Windows 11 OS, up to 8GB+128GB high-speed capacity.

● 10.1-inch screen, 1000cd/m² 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.

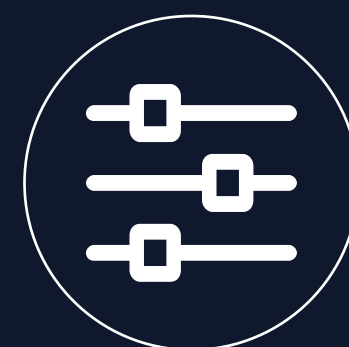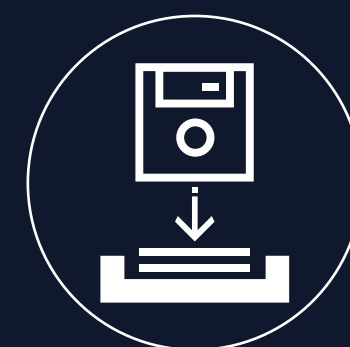| Intel JASPER LAKE N5100	Windows 11/ Operating System	10.1-inch screen	1000cd/cm2	Wi-Fi/BT/4G
GPS/GLONASS/ Huada Beidou	Stable power supply	Rich interface extensions	VESA/RAM	IP65

Vehicle PC TB-PEM-V10J
Specifications

ONErugged

CPU
Intel JASPER LAKE N5100

Operating System
Windows 11 Home
Optional: Windows 11 PRO

Memory
RAM: 6GB LPDDR3
ROM: 64GB EMMC
Update to 8GB+128GB

Display
Type: HD
Size: 10.1 inch 16:10
Resolution: 800*1280 IPS
Brightness: 700cd/㎡
Optional:1000cd/㎡

Touch Pannel
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

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

GPS
GPS, GLONASS
Optional, Huada Beidou

NFC
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)
Standard USB-A port
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