Vehicle PC
V80T

ONErugged

● Equipped with high-performance ARM octa-core processor and Android 12 OS, up to 4GB+64GB capacity.

● 8-inch screen with 700-Nits high definition display, multiple-point touch panel and customized keys , ensuring outdoor worker visibility.

● 4G LTE, dual-band Wi-Fi and Bluetooth 5.2 connectivity. Multi-satellite systems of GPS/Glonass/Beidou, with vehicle mushroom antenna for real-time tracking to your vehicle and asset management.

● With aviation plug charging interface, switchable for cigarette lighter interface or Φ4.0 power port, and the external 9V-36V DC wide voltage module is optional.

● Supports the battery-free mode, another optional 3.7V/2000mAh 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.
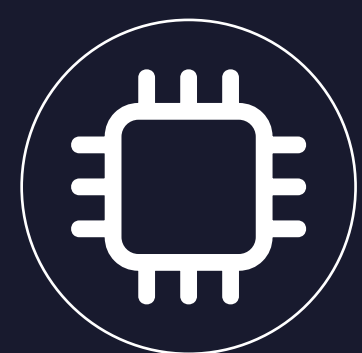
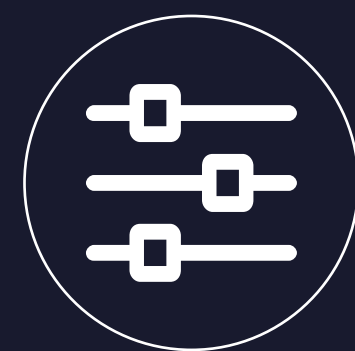|				
ARM octa-core processor	Android 12 Operating System	8-inch screen	700/1000cd/cm2	Dual frequency Wi-Fi
GPS/GLONASS/ Beidou	Stable power supply	Rich interface extensions	VESA/RAM	IP65
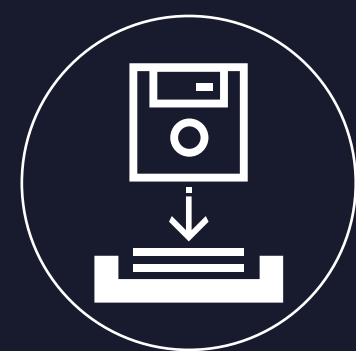
Vehicle PC V80T
Specifications

ONErugged

CPU
ARM octa-core processor

Operating System
Android 12 (GMS)

Memory
RAM: 4GB LPDDR4X
ROM: 64GB UFS

Display
Type: LCD
Size: 8 inch 16:10
Resolution: 800*1280 IPS
Brightness: 700cd/㎡
Optional 1000cd/㎡

Touch Pannel
5 points Capacitive

Dimension/Weight
218.1*154.5*23.0mm
611g

Buttons
Power *1
Volume Adjustment Key (+) *1 (F1 Key)
Volume Adjustment Key (-) *1 (F2 Key)
Customizable *1 (F3 Key)
Customizable *1 (F4 Key)

Speaker
2.5W Single Horn

Battery
Optional,
Built in polymer lithiumion battery
2000mAh/3.7V

Internet
4G/Dual-band WiFi/BT5.2

GPS
GPS/GLONASS/Beidou

NFC
Optional

Certification
IP65 MIL-STD-810H

Adapter
12V 4A DC φ4.0 Adapter

I/O Interface
SIM card slot MICRO-SIM * 1
Standard USB-A port / Data transmission
Power interface DC input (Input: 12V)
PORT1 (M12-12) (optional)
100M network port
PORT2 (M12-12) (optional)
RS232 *1+RS232/RS485 (standard) *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"

Rugged Features
Working temperature:
-20 °C to 60 °C (DC adapter mode)
-10°C to 60 °C(Battery mode)
Storage temperature: -30 °C to 70 °C
±8kV contact discharge,
±15kV air discharge
Humidity: 95% Non-Condensing