



VULCAN

Model Name	In-vehicle Terminal VX-501
System	
CPU	Intel® Core™ i5-8365UE, Optional Intel® Celeron® 4305UE
Optional OS	Windows® 10.0 IoT Enterprise
RAM	4GB DDR3L SODIMM, Expandable to 32GB
ROM	M.2 2280 SSD, SD slot
Display	
Display type	10.4" XGA TFT LCD
Max. resolution	1024 x 768
Touch module	5-Wire resistive touch, support defroster function
I/O	
Interface	1x RS232 with power supported, 1x RS-232(TX,RX)/422/485, 2x RS-232(TX,RX), 2x RS-485, 2x Gigabit Ethernet, 1x Micro SD slot, 2x Micro SIM slot 2x Optional CAN bus 2.0B or 1x SAE J1939, 2x DI, 2x DO, 1x USB 3.1, 2x USB 2.0, 1x USB 3.1 type C, 2x Mic-in, 1x Line out (L/R), Optional video input
Control button	7x Programmable buttons, 2x brightness adjustment, Volume +/-, 1x Display on/off, 1x optional Defrost/Defog
Application Modules	
Wireless	Wi-Fi 802.11 a/b/g/n/ac/v/r/k
Bluetooth	Bluetooth® V5.0
2G/3G/4G	Optional 4G LTE / HSPA+ / GPRS or 5G
GPS	Optional - GNSS (GPS / Galileo / QZSS / BeiDou / GLONASS)
Speaker	Dual speaker
Power Supply	
Battery	9 ~ 60 V DC input
Adapter	Ignition sense with delay on/off setting
Power Input	UPS Backup battery (10.8V, 4500 mAh)
Environmental	
Operating Temperature	-30°C ~ 55°C
Storage Temperature	-40°C ~ 70°C
Humidity	95% non-condensing
Rugged Features	
IP Rating	IP66
IEC	IEC 60529 IEC 60721-3-5 class 5M3
Vibrations	MIL-STD-810H, Method 514.8 C2/C4/C6
Shock	MIL-STD-810H, Method 516.8, Procedure 1, functional shock
Salt Fog	MIL-STD-810H, Method 509.7
Mechanical Structure	
Dimension	276x 234 x 57mm
Weight	3.2kg
Installation	VESA 75 / 100
Accessories	
Optional	Mounting Kit, Power Cable, Antenna, U-Shape Bracket, Keyboard Tray, OBD II by request

