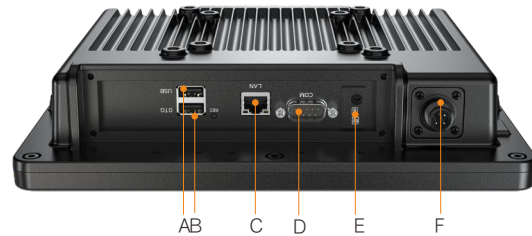


VT-640A

8-inch, Six-core Platform, Android 11, Build-in 4G/5G, Vehicle Mount Computer



A: USB
B: OTG
C: LAN

D: COM1
E: SIM/TF-CARD
F: DC Power Inlet



TNC Type Antenna
Orange-cap Antenna



Introduction

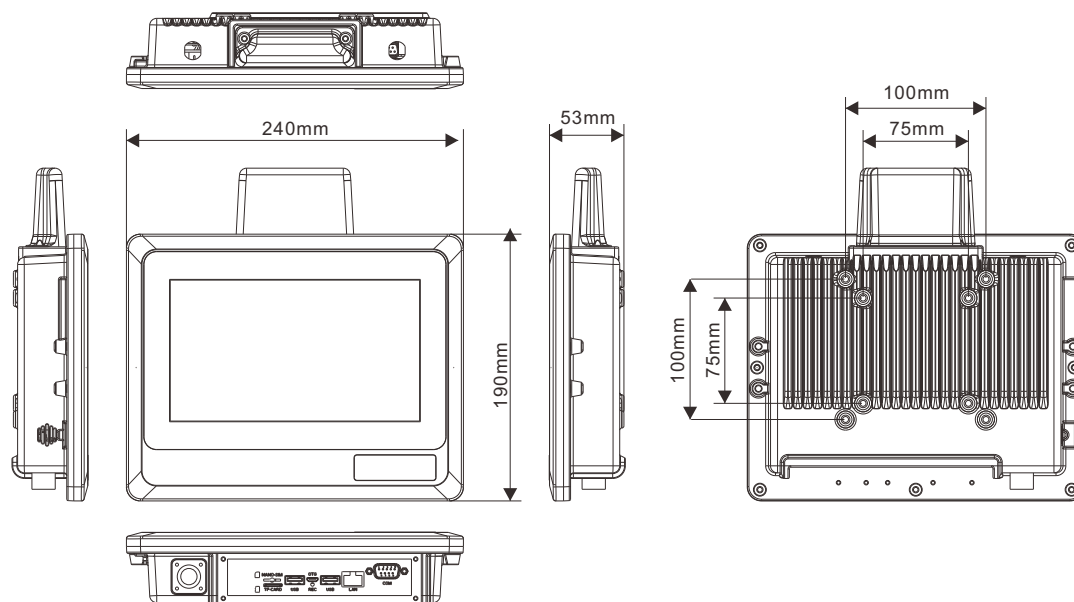
VT-640A is a 8-inch smart vehicle terminal designed for application in container terminal. It could be mounted in container trucks, RTG, OTG and other special vehicles. All VT products are fanless design with wide working temperature and wide voltage input. VT-640A is equipped with high-performance 6-core processor, integrated with 8-inch high-definition touch screen and optional Wi-Fi, 4G/5G, GPS, Bluetooth and other wireless communication modules to provide real-time communication.

Features

- 8-inch(1280x720) LCD with capacitive touch screen
- High-performance 6-core processor, up to 1.8GHz
- Rugged aluminum enclosure and fanless design
- Full IP65 dust/water protection
- Wide range 8-36V DC Power input
- VESA 75 and 100 standard mounting
- Flexible expansion capability for WiFi, Bluetooth, 4G/5G, GPS



Dimensions



Specifications

System

Processor	ARM Dual-core A72 + Quad-core A53, up to 1.8GHz
RAM	4GB LPDDR4
Flash Memory	32GB EMMC
Expansion Slot	1 x TF Card, up to 128GB
Operation System	Android 11

Display

Size	8-Inch
LCD panel	Industry Grade
Resolution(H x V)	1280 x 720
Brightness	750cd/
Backlight	LED Backlight
Touchscreen	Capacitive

Button

Button	Power on/off
	Brightness +/-

Wireless

WLAN	802.11 a/b/g/n/ac (2.4G/5G)
WWAN	4G LTE FDD/TDD, TD-SCDMA/WCDMA, CDMA/GSM
	5G NR/NSA/SA, LTE FDD/TDD, WCDMA (Optional)
GPS	GPS/GLONASS/BeiDou/QZSS/Galileo/SBAS
Bluetooth	Bluetooth V4.2

I/O Ports

COM Port	1 x RS-232
USB	1 x USB
	1 x USB / OTG
Ethernet	1 x 1000M RJ45
SIM	1 x Nano-SIM

Audio

Speaker	1 x 8Ω/2W
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Power Management

Power Input	8~36VDC
Power Consumption	10W typ.

Environmental

Operating Temperature	-20°C ~ +60°C
Storage Temperature	-30°C ~ +70°C
IP Protection Level	IP65 (I/O interface must be closed)
Standard Mounting	VESA 75/100
Testing standard	MIL-STD 810G
Authentication	CE FCC

Mechanical

Dimension	240 x 190 x 53 (mm)
Weight	1.8 Kg