

<b>Model No.</b>	<b>VT-665AK</b>	
<b>Display</b>		
Size	8 inch (16:10)	
Touch Type	Projected capacitive multi touch	
Display Type	TFT LCD	
Resolution	1280 x 720	
Luminance	750 cd/m <sup>2</sup>	
Contrast Ratio	1000: 1	
View Angles	85 (left), 85 (right), 85 (up), 85 (down)	
Color	16.2M	
<b>System</b>		
CPU	Qualcomm SM6225, octa-core A73+A53 (2.4 GHz)	
Memory	8GB LPDDR4x on board	
Storage	128GB EMMC on board	
<b>Keypad &amp; Keyboard</b>		
Keypad	70-keys QWERTY Keyboard F1-F24 Function Keys, 0-9 Number and A-Z Alpha Keys All Keys LED Backlight, Independent Switch Control, Day and Night Mode	
<b>I/O Ports</b>		
USB	1x USB OTG (Type A) 1x USB2.0 (Type A)	
Serial	2x RS-232 (DB9)	
Ethernet	1x LAN (RJ45)	
SIM Card Slot	1x SIM Socket	
Antenna	7x TNC connector for external antenna (Wi-Fi, Bluetooth, WWAN, GNSS)	
<b>RF Communication</b>		
Wi-Fi	WiFi 6, 2.4G/5G/6G, 802.11a/b/g/n/ac/ax/d/e/h/i/k/v/r/w/mc	
Cellular	4G (FDD/TDD)	
Bluetooth	Bluetooth 5.1	
GNSS	GPS, GLONASS, BeiDou	
<b>Audio</b>		
Speaker	8Ω/2W, dual studio speakers	
<b>Power</b>		
DC Input	8 to 36VDC	
Power Consumption	18W (Typ.)	
Power Mode	ATX (default), AT	
<b>Operating System</b>		
Android	Android 13	
<b>Mechanical</b>		
Dimensions (W x D x H)	TBD	
Weight (N.W.)	TBD	
Mounting Mode	VESA 75 and 100	
Material	Die-casting Aluminum with Heavy Duty Metal	
<b>Environment</b>		
Operating Temperature	-30 to 60°C (-22~140°F)	
Storage Temperature	-40 to 70°C (-40~158°F)	
Relative Humidity	95% @ 70°C (158°F), non-condensing	
Shock	MIL-STD-810H Method 514.8 Procedure I	
Vibration	MIL-STD-810H Method 516.8 Procedure I	
IP Rating	IP66 compliant	
<b>Certification</b>		
EMC	CE, FCC	
<b>I/O Interfaces</b>	Graphic	
<b>Dimensions</b>	Graphic	
<b>Packing List</b>		
<b>Part No.</b>	<b>Description</b>	

VT-665AK-D102A-A01	VT-665AK + CTP(750) + SM6225 + 8GB + 128GB + Android 13 + WiFi6 + Bluetooth5.1 + 4G(EAU) + GNSS + TNC(1)-WiFi_M + TNC(2)-Bluetooth + TNC(3)-4G_M + TNC(8)-GPS;
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### Optional Accessories

Part No.	Description
PWR836D512-M12	8-36VDC Input, 5V/12VDC Output, M12 connector