

Product Specifications




System Preferences	CPU I/O Chip System Memory Watchdog Timer H/W Status Monitor Touch screen	6th Gen Intel® ULT Core™ i5 6300U 2.40GHz BGA Processor EC ITE IT8528E 1 x 260-Pin DDR4 2133MHz SO-DIMM up to 16 GB H/W Reset, 1 sec. ~65535sec./1sec.step Monitoring SYSTEM Temperature and Voltage with Auto Throttling Control 5 Wires resistive (USB Penmount)
I/O Connectors	Internal I/O HDD PCIe HDD Expansion Rear I/O USB Serial Ethernet Audio Display Antenna Power	1 x 2.5" Drive Bay (7mm HDD Restricted) 1 x Mini PCI Express slots (support mSATA) 1 x Additional mini pcie available on request. 1 x SATA II 1 x Optional 80-pin internal expansion module (only 1 of bellow options) (4 x USB 3.0), (1 x HDMI + Audio), (1 x HDMI + mPCIe with SIM slot) 4 x USB 3.0 1 x RS-232 1 x RS-232/422/485 (factory configured) 1 x RS-232 2 x RJ45 (Intel® I211AT, Intel® I219LM) 2 x Speaker out 1W (Line out via expansion) 1 x HDMI (via expansion) Resolutions Up to 1920 x 1200 @ 60 24bpp Dual display support (LVDS + HDMI) 2 x RP-TNC / TNC (optional) 1 x RP-SMA in bottom side for external antenna config. (optional) 1 x DC screw type locking connector
Wireless Communication	WLAN WWAN	802.11 ac/a/b/g/n (optional) TNC/SMA connectors LTE & GPS options
Power	System Power AC Adaptor Input Output	+12 — 26 VDC 110V ~ 250V (50 ~ 63Hz) +12 VDC/5A (60W)
Environment	Operation Temperature Storage Temperature Operation Humidity IP Proof Chassi Vibration Test Shock Test	Operating: -30 ~ 60C Storage: -30 ~ 70C 0% ~ 90% Relative Humidity, Non-condensing IP65 Front Panel, IP41 back panel Aluminium Alloy Chassi With SSD/mSATA : 5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis Operating with SSD/CFast/mSATA : MIL-STD-810G, Method 516.6, Procedure I, functional shock=20G
Mounting	VESA	100mm x 100mm 75mm x 75mm



IO ports

VMR12i5 (HB)




- Size
- Resolution
- Brightness
- Contrast Ratio
- Viewing Angle
- Response Time
- Backlight
- Backlight control
- Dimmer
- Touch glass

12.1" 4:3
XGA (1024x768)
600 NIT cd/m2
1000 NIT (optional / HB model)
700
80 (U), 80 (D), 80 (L), 80 (R)
16 ms
LED
PWM
Turnable Knob, 0 ~ 100 % (factory optional)
3.2 mm glass

Dimensions

Height	222 mm
Width	283 mm
Depth	49 mm
Weight	2.4 kg

VMR15i5 (HB)



- Size
- Resolution
- Brightness
- Contrast Ratio
- Viewing Angle
- Response Time
- Backlight
- Backlight control
- Dimmer
- Touch glass

15" 4:3
XGA (1024x768)
400 NIT cd/m2
1000 NIT (optional / HB model)
700
70 (U), 70 (D), 80 (L), 80 (R)
16 ms
LED
PWM
Turnable Knob, 0 ~ 100 % (factory optional)
3.2 mm glass

Dimensions

Height	274 mm
Width	350 mm
Depth	53 mm
Weight	3.7 kg