

VMR15E



Technical Specifications

Processor: Intel Atom® x6413E (9W, 1.5M Cache, up to 3.00 GHz)

Chipset: EC ITE IT5571

Memory: 8 GB DDR4 3200 MHz SO-DIMM, expandable up to 32 GB

Storage:

1 x 2.5" Drive Bay (7mm HDD/SSD compatible, 128 GB SSD standard)

1 x M.2 Key-B 2242/3042/3052 with SIM card slot, supporting SATA III

1 x M.2 Key-E 2230, supporting PCIe x1, USB 2.0

Display

Size: 15.6" 4:3

Resolution: 1024x768

Brightness: 500 NIT

Contrast Ratio: 2500:1

Viewing Angle: 88° (U), 88° (D), 88° (L), 88° (R)

Response Time: 16 ms

Backlight: LED

Dimmer: Turnable Knob, 0 ~ 100 % (factory optional)

Touchscreen: 5-wire resistive

I/O Ports:

4 x USB 3.2

1 x RS-232/422/485

1 x RS-232

2 x RJ45 (Intel® I225-IT 2.5 Gigabit Ethernet)

2 x Speaker out (2 x 2W)

1 x HDMI (via expansion)

Audio: 2 x Speaker out (2 x 2W)

Network:

2 x RJ45 (Intel® I225-IT 2.5 Gigabit Ethernet)

Wi-Fi 802.11 ac/a/b/g/n & BT 4.2

Expansion Slots:

1 x M.2 Key-B 2242/3042/3052 with SIM card slot (SATA III)

1 x M.2 Key-E 2230 (PCIe x1, USB 2.0)

Operating System: Windows 11

Security: Onboard NuvoTon NPCT754AABYX TPM 2.0

Chassis: Aluminum alloy with IP65-rated front panel

Mounting: VESA 100mm x 100mm and 75mm x 75mm

Dimensions

Height: 274.51 mm

Width: 350.51 mm

Depth: 54.5 mm

Weight: 3.7 kg

Power Supply

Input: +12 — 24 VDC

AC Adapter: 110V ~ 250V (50 ~ 63Hz)

Output: 72W adapter (19V @ 3.78A)

Environmental Specifications

Operating Temperature: -20 ~ 55°C

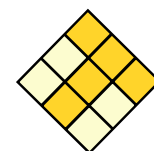
Storage Temperature: -30 ~ 70°C

Operating Humidity: 40°C @ 95% Relative Humidity, Non-condensing

Vibration Test: With SSD/mSATA: 3Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30 mins/axis

Shock Test: Operating with SSD/CFast/mSATA: MIL-STD-810G, Method 516.6, Procedure I, functional shock=20G

Certifications: CE, FCC, RoHS



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