

W24IAD7T-OFA2

23.8" Intel® Core™ i9/i7/i5/i3 (Alder Lake S) Open Frame Panel PC



KEY FEATURES

- 23.8" 1920 x 1080 Resolution Open Frame PC
- 12th Gen Intel® Core™ Alder Lake S i9 / i7/ i5 / i3 processor
- 2 x SODIMM, DDR5 4800MHz, support up to 64GB (Max. 32GB for each slot)
- Integrated Dual 2.5 Gigabit Ethernet
- Multi display supports DP 1.4a / HDMI 2.0b (Optional)
- Multiple I/Os, 2 x USB 3.2 Gen2x1, 2 x Serial Ports
- 12 V DC Power input



SPECIFICATIONS

Display			
Resolution	1920x1080	Size	23.8 inches
Contrast Ratio	3000:1	Panel Brightness	250.0 nits
View Angles	89, 89, 89, 89	Active Area	527.04x296.46 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		
System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Core™ i5-12500TE(up to 4.3GHz) Intel® Core™ i9-12900TE(up to 4.80GHz) (Optional) Intel® Core™ i7-12700TE(up to 4.6GHz) (Optional) Intel® Core™ i3-12100TE(up to 4.00GHz) (Optional)	Chipset	Intel® Q670E Intel® H610E (Optional) Intel® R680E (Optional)
Memory	2 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional) 64GB (Optional)	Storage	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional) 2 x SATA III for 2.5" SSD/HDD (Only R680E/Q670E version support)(RAID support) (Optional)
Ethernet controller	2 x Intel® Ethernet Controller	Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)		
Mechanical			
Dimension	576 x 344 x 69 mm	Weight	6.3 kg
Mounting	Open Frame Panel Mount VESA Mount	Enclosure	Metal Housing
Cooling System	Fan design		
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C

Storage Temperature -10°C to 60°C

Certification CE, FCC

IO Ports

Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB 3.2 Gen2x1 (10Gbps, TypeA) (R680E/Q670E version) 4 x USB 3.2 Gen1x1 (5Gbps, TypeA) (H610E version)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x DP1.4a DP++ , Max resolution up to 4096x2160@60Hz 1 x HDMI 2.0b , Max resolution up to 4096x2160@60Hz (Optional)
Audio	Mic in Line out	Expansion Port	1 x M.2 2280 M-Key Slot (for NVME SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module)
LAN	2 x 2.5 Giga LAN RJ45 Connector		

Control

Button 1 x Power Button
1 x Reset Button

Accessory

Accessory 100~240V AC to DC Adapter
Power Cord
VESA screws

Power

Power Rating 12V DC **Adapter** 12V 220W

DIMENSIONS UNIT:MM

