W15IAD7T-OFA2

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

KEY FEATURES

- 15.6" 1366 x 768 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, 4 x USB 3.2 Gen2x1, 2 x Serial Ports
- 12 V DC Power input

CE FC

OVERVIEW

High-Performance Panel PC

Winmate’s Open Frame Panel PC features Intel Alder Lake Processor, delivers outstanding computing power. This ensures seamless multitasking and efficient operation across a variety of applications.

Resistive Touch / Optional Protective Glass

To enhance operator convenience in industrial settings, Winmate's Open Frame Panel PC provides adaptable surface options. These include cover glass and a resistive touch screen to accommodate various specifications.

Low Power Consumption

Crafted for minimal power consumption and efficient heat dissipation, Winmate Open Frame Panel PC ensures durability for extended use in production facilities. It stands as the ultimate energy-efficient solution.

Versatile Mounting Solutions

Winmate provides users the flexibility to choose from various mounting solutions, including rear and VESA mounting, enabling them to select the most suitable option for their specific application.

SPECIFICATIONS

Display

Resolution	1366x768	Size	15.6 inches
Contrast Ratio	500:1	Panel Brightness	400.0 nits
View Angles	85,85,80,80	Active Area	344.232x195.536 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Core™ i3-12100TE(up to 4.00GHz) Intel® Core™ i5-12500TE(up to 4.3GHz) (Optional) Intel® Core™ i7-12700TE(up to 4.6GHz) (Optional)	Chipset	Intel® R680E

	Intel® Core™ i9-12900TE(up to 4.80GHz) (Optional) Intel® Core™ i3-14100T(up to 4.4GHz) (Optional) Intel® Core™ i5-14500T(up to 4.8GHz) (Optional) Intel® Core™ i7-14700T(up to 5.2GHz) (Optional) Intel® Core™ i9-14900T(up to 5.5GHz) (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 256GB 512GB (Optional) 1TB (Optional) 2TB (Optional) 2 x SATA III for 2.5" SSD/HDD (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) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)		

Mechanical

Dimension	366.3 x 248 x 77.5 mm	**Weight**	3.6 kg
Mounting	Open frame Panel mount (Optional) VESA mount (Optional)	**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

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

1 OSD Control Panel
2 COM
3 Audio
4 USB Type-A
5 LAN
6 DP
7 HDMI
8 Power Input
9 Brightness Adjustment Knob