

# R17IAD7T-OFM1

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



### KEY FEATURES

- 17" 1280 x 1024 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



### 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	1280x1024	Size	17.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits
View Angles	85,85,80,80	Active Area	337.920x270.336 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)		
<b>Memory</b>	2 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional) 64GB (Optional)	<b>Storage</b>	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)
<b>Ethernet controller</b>	2 x Intel® Ethernet Controller	<b>Security</b>	TPM 2.0
<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)		

<b>Mechanical</b>			
<b>Dimension</b>	410 x 329 x 83 mm	<b>Weight</b>	4.5 kg
<b>Mounting</b>	Open frame Panel mount (Optional) VESA mount (Optional)	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fan Design		

<b>Environment</b>			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-10°C to 60°C		

<b>Certification</b>			
<b>Certification</b>	CE, FCC		

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

<b>Control</b>			
<b>Button</b>	1 x Power Button 1 x Reset Button		

<b>Accessory</b>			
<b>Accessory</b>	100~240V AC to DC Adapter Power Cord VESA screws		

<b>Power</b>			
<b>Power Rating</b>	12V DC	<b>Adapter</b>	12V 220W

**DIMENSIONS** UNIT:MM

