

# R12IAD3S-OFM2

## 12.1" Intel® Core™ i5-1235U Open Frame Panel PC



### KEY FEATURES

- 12.1" 1024 x 768 Resolution Open Frame PC
- 12th Gen Intel® Core™ i5-1235U processor
- 1 x SODIMM, DDR5 4800MHz, support up to 32GB
- Integrated Dual 2.5 Gigabit Ethernet
- Multiple I/Os, 2 x USB 3.2 Gen2x1, 2 x Serial Ports
- 12 V DC Power input



### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x768	<b>Size</b>	12.1 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	500.0 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	245.76x184.32 mm
<b>Touch / Glass</b>	Resistive Touch Screen (Optional) Protection Glass w/o Touch Function (Optional)		
System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (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) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical			
<b>Dimension</b>	300 x 250 x 62 mm	<b>Weight</b>	2.3 kg
<b>Mounting</b>	Open Frame Panel Mount VESA Mount	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fanless design		
Environment			
<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		
Certification			
<b>Certification</b>	CE, FCC		

## IO Ports

<b>Audio</b>	1 x RS232 2 x Speaker	<b>Expansion Port</b>	1 x M.2 2280 M-Key Slot (for NVME SSD) 1 x M.2 2230 E-KeySlot (for Wi-Fi Module)
<b>LAN</b>	2 x Giga LAN RJ45 Connector	<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage
<b>Brightness Knob</b>	1 x Brightness Adjustment Knob		

## Control

<b>Button</b>	1 x Power Button 1 x Reset Button
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## Accessory

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

<b>Power Rating</b>	12V DC	<b>Adapter</b>	12V 120W
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## DIMENSIONS UNIT:MM

