

R12IAD3S-GCM2(HB)

12.1" Intel® Core™ i5-1235U Standalone Panel PC HMI



KEY FEATURES

- 12.1" 1024 x 768 with P-CAP touchscreen
- 12th Gen Intel® Core™ i5-1235U processor
- Fanless cooling system and ultra-low power consumption
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Plenty of I/O, including 2 x 2.5 Giga LAN, 1 x COM, 2 x USB 3.2 Gen2x1

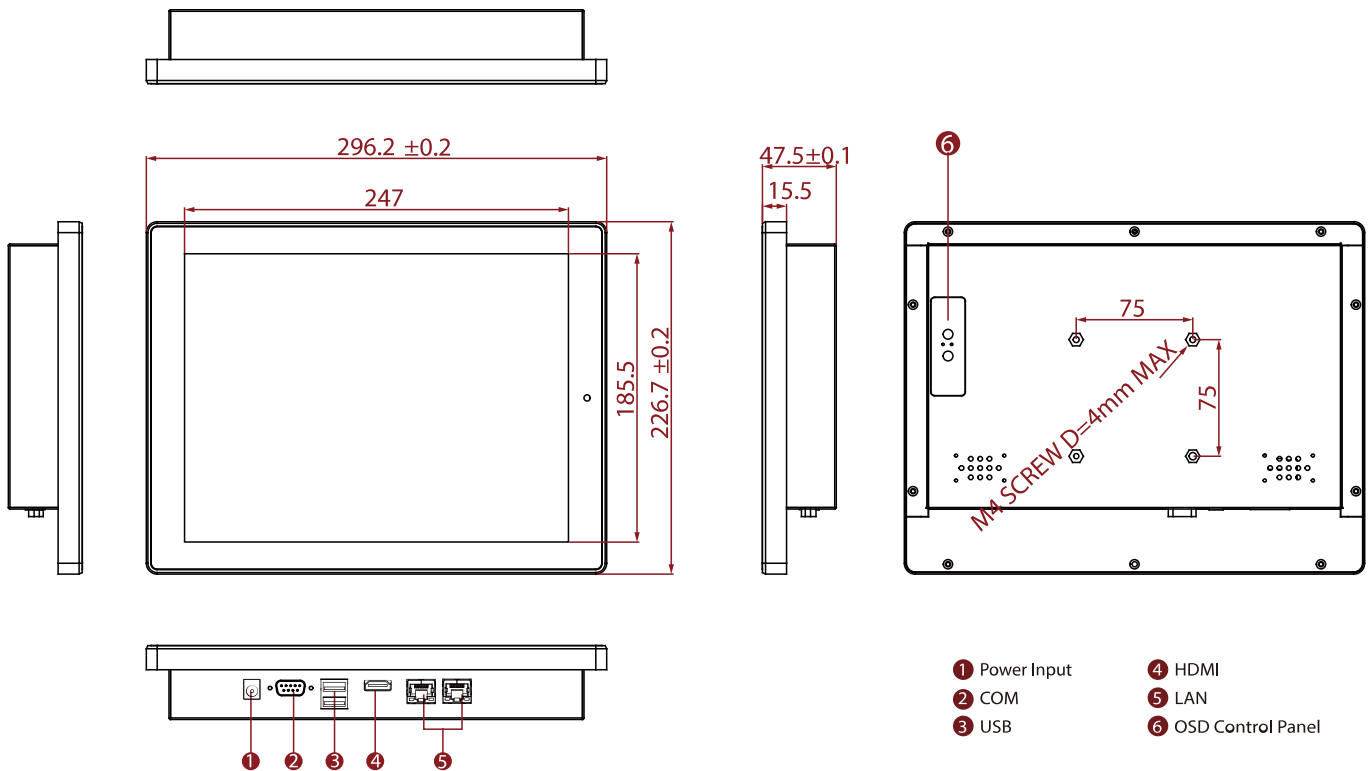


SPECIFICATIONS

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen	Resolution	1024x768
Size	12.1 inches	Contrast Ratio	1000:1
Panel Brightness	500 nits 1000 nits(Optional)	View Angles	89,89,89,89
Active Area	245.76x184.32 mm		
System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	Memory	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (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)
Environment			
Operating Humidity	10% to 90% (Non-Condensing)	Operating Temperature	0~50°C
Storage Temperature	-20°C~60°C	Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	IP rating	Front IP65
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	2 x USB3.2 Gen2x1 (Type-A)	Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232 (Optional)
Video	1 x HDMI 2.0 (Optional)	Audio	2 x Speaker
LAN	2 x 2.5 Giga LAN RJ45 Connector		
Mechanical			

Dimension	296.2 x 226.7 x 47.5 mm	Mounting	VESA Mount/ Panel Mount
Enclosure	Metal	Cooling System	Fanless Design
Accessory			
Accessory	Quick Start Guide(Hardcopy) AC Adapter Power Cable		
Power			
Power Rating	12V DC input 9~36V DC input (Optional)		
Control			
Button	1 x Power Button 1 x Reset Button		

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.