

W15IAD3S-PPA4

15.6" Intel® Core™ i5-1235U PP Series HMI Panel PC



KEY FEATURES

- 15.6" 1366 x 768 Resolution with Projective Capacitive multi-touch screen
- 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
- Front IP65 water and dust proof
- Aluminum housing and fanless design
- 12 V DC Power input



SPECIFICATIONS

Display	
Resolution	1920x1080
Contrast Ratio	800:1
View Angles	85,85,85,85
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	15.6 inches
Panel Brightness	300.0 nits
Active Area	344.16x193.59 mm
System Specification	
WLAN	Support (Optional)
Processor	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)
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)
Security	TPM 2.0
BT	Support (Optional)
Memory	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
Ethernet controller	2 x Intel® Ethernet Controller
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	415 x 275 x 71 mm
Mounting	Panel mount VESA Mount
Cooling System	Fanless design
Weight	3.9 kg
Enclosure	Metal Housing
Cut out	374.5 x 240 mm
Environment	
Operating Humidity	10% to 90% RH, Non-Condensing
Storage Temperature	-10°C to 60°C
Operating Temperature	0°C to 50°C
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	

Power Input	1 x 12V DC, 2.5φ DC jack	USB Port	2 x USB3.2 Gen2x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x HDMI 2.0 (Optional)
Audio	2 x Speaker	Expansion Port	1 x M.2 2280 M-Key Slot (for NVME SSD) 1 x M.2 2230 E-KeySlot (for Wi-Fi Module)
LAN	2 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power 1 x LED Indicator for storage
Brightness Knob	1 x Brightness Adjustment Knob		

Control

Button	1 x Power Button 1 x Reset Button
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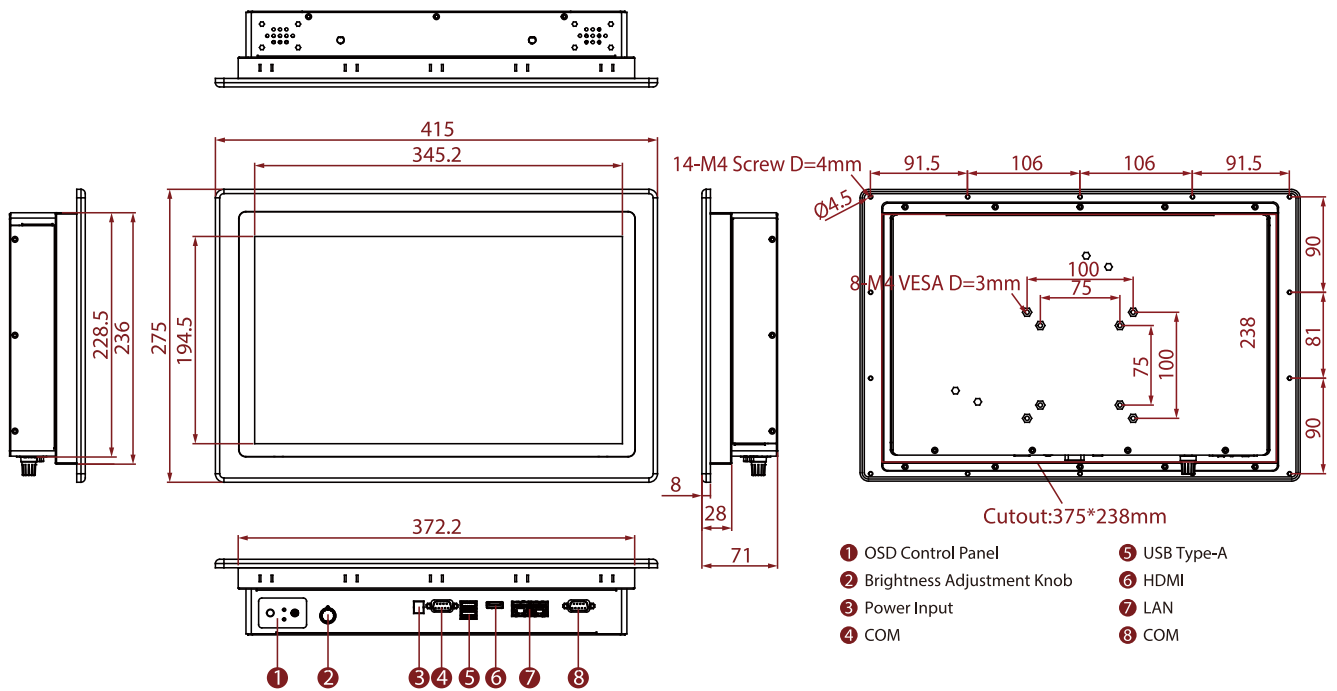
Accessory

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

Power Rating	12V DC	Adapter	12V 120W
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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.