

# R10IAN3S-PMT2

10.4" Intel® Alder Lake-N N100 Panel Mount Panel PC



CE

FC

## KEY FEATURES

- 10.4" XGA TFT LCD
- Intel® Alder Lake-N N100 Processor
- 1 x SO-DIMM DDR5-4800, max. 16GB
- 2 x 2.5 Gigabit Ethernet
- Supports 1 x HDMI, 1 x USB 3.2 Type-C with DP-Alt, 2 x USB 3.2 Gen 2 Type-A, 4 x USB 2.0, 4 x COM
- Supports VESA Mount and Panel Mount

## INTRODUCTION

Winmate Panel Mount Panel PC Series delivers robust computing performance and versatility for industrial applications. Available in sizes from 6" to 24", these wide, rectangular PCs support multiple operating systems and offer high-resolution displays. Featuring extensive I/O options, dual Ethernet, and flexible storage configurations, they ensure seamless integration into industrial and commercial systems. Built for reliability and efficiency, they are ideal for factory automation, control systems, and interactive kiosks, combining power and adaptability in a compact design.

## SPECIFICATIONS

### Display

<b>Resolution</b>	1024x768	<b>Size</b>	10.4 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	500.0 nits
<b>View Angles</b>	88,88,88,88	<b>Active Area</b>	210.4x157.8 mm
<b>Touch / Glass</b>	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		

### System Specification

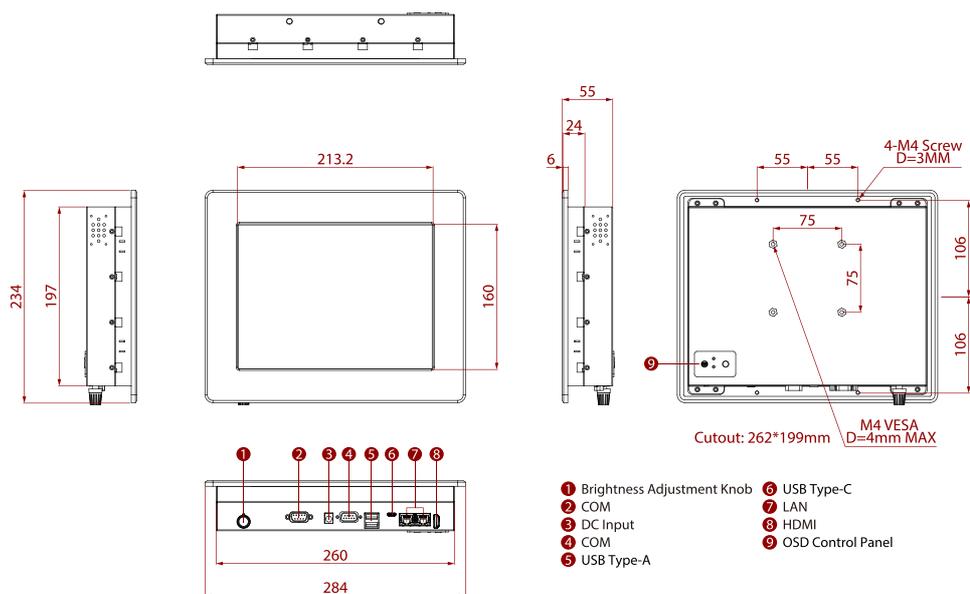
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel® Processor N100 6M Cache, up to 3.40 GHz	<b>Memory</b>	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional)
<b>Storage</b>	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Only available when NVME SSD is not present) (Optional)	<b>Ethernet controller</b>	2 x Intel® 2.5 Gigabit Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 Pro 64 bit (Optional) Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 24.04 (Do not support Wake on Touch) (Optional)

### Mechanical

<b>Dimension</b>	284 x 234 x 55 mm	<b>Weight</b>	2.4 kg
<b>Mounting</b>	Panel mount VESA mount (Optional)	<b>Enclosure</b>	Metal Housing

Cooling System	Fanless Design	Cut out	262 x 199 mm
<b>Environment</b>			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		
<b>Certification</b>			
Certification	CE, FCC		
<b>IO Ports</b>			
Power Input	1 x 12V DC, 2.5φ DC jack	USB Port	2 x USB3.2 Gen1x1 (Type-A) 1 x USB 3.2 Gen 2x1 Type C connector, support DP Alt. mode
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x HDMI 2.0b (Optional)
Audio	2 x Speaker	Expansion Port	1 x M.2 2280 M-Key Slot (for NVMEI SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module)
LAN	2 x 2.5 Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power 1 x LED Indicator for storage
Brightness Knob	1 x Brightness Adjustment Knob		
<b>Control</b>			
Button	1 x Power Button 1 x Reset Button		
<b>Accessory</b>			
Accessory	100~240V AC to DC Adapter Power Cord VESA screws Mounting clips		
<b>Power</b>			
Power Rating	12V DC	Adapter	12V 50W

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing; 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.