

W10IAN3S-POA1

10.1" Intel® Alder Lake-N N100 PO Series HMI Panel PC



CE

FC

KEY FEATURES

- 10.1" WXGA 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
- Slim-line design in open-frame housing
- Multi-touch PCAP flat design
- Suitable for KIOSK applications

INTRODUCTION

Winmate PO Series HMI offers a versatile solution for industrial automation and kiosk applications, with sizes ranging from 7" to 27". Featuring Intel® processors, a slim-line open-frame design, and a flat multi-touch PCAP display, it delivers sleek aesthetics and advanced functionality. With certifications for rugged environments and options like dual Gigabit Ethernet and IP65-rated front protection, this HMI is ideal for interactive kiosks, process control, and smart manufacturing, ensuring reliable performance and seamless integration.

SPECIFICATIONS

Display

Resolution	1920x1200	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	700.0 nits
View Angles	89,89,89,89	Active Area	216.576x135.36 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

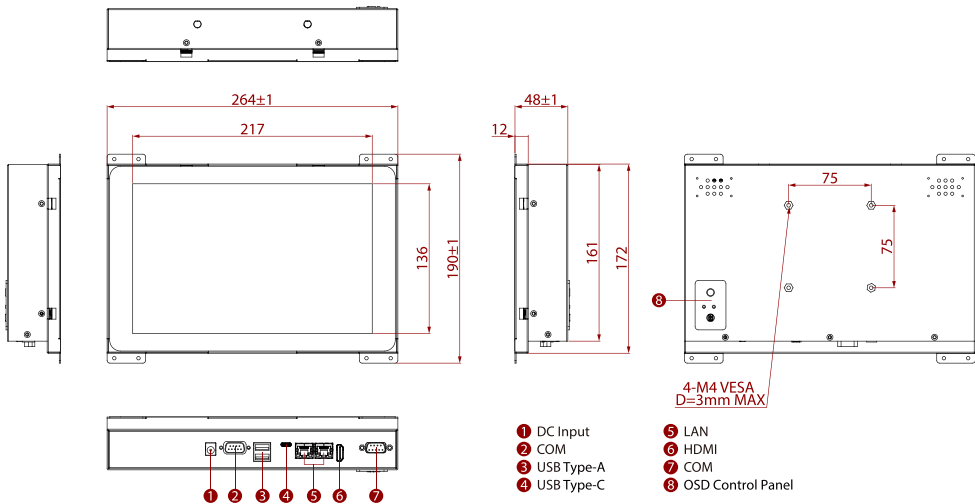
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Processor N100 6M Cache, up to 3.40 GHz	Memory	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional)
Storage	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Only available when NVME SSD is not present) (Optional)	Ethernet controller	2 x Intel® 2.5 Gigabit Ethernet Controller
Security	TPM 2.0	Operating System	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

Dimension	264 x 190 x 48 mm	Weight	1.3 kg
Mounting	Open frame	Enclosure	Metal Housing

	Panel mount (Optional) VESA mount (Optional)		
Cooling System	Fanless Design		
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		
Certification			
Certification	CE, FCC		
IO Ports			
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
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord VESA screws		
Power			
Power Rating	12V DC	Adapter	12V 50W

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.