R12IAN3S-IPM2WT

12,1-Zoll-Panel-PC mit IP65-Frontblende für den breiten Temperaturbereich und Intel®-Prozessor N150



KEY FEATURES

- 12,1-Zoll-XGA-TFT-LCD
- Intel® Twin Lake N150-Prozessor
- 1 x SO-DIMM, max. 16 GB
- 2 x 2,5 Gigabit-Ethernet
- Unterstützt 1 x HDMI, 1 x USB 3.2 Typ C mit DP-Alt, 2 x USB 3.2 Gen 2 Typ A, 4 x USB 2.0, 4 x COM
- Front-Panel-PC mit IP65-Schutz und Weitbereichstemperaturdesign
- Unterstützt VESA- und Panel-Montage

INTRODUCTION

Die Winmate Front-IP65-Panel-PC-Serie kombiniert robuste Leistung mit einem wasserdichten Frontdesign und eignet sich somit ideal für feuchte und staubige Umgebungen wie die Fabrikautomation, Außenkioske und Installationen am Pool. Diese Panel-PCs sind in Größen von 5,7„ bis 24“ erhältlich und unterstützen verschiedene Betriebssysteme und Prozessoren. Die intuitiven Touchscreen-Optionen und ein kompaktes Design mit schmalem Rahmen verbessern die Benutzerfreundlichkeit, während die Front im IP65-Design und die einfache Installation für Langlebigkeit und Zuverlässigkeit in Industrie- und Außenanwendungen sorgen.

SPECIFICATIONS

Display

Resolution	1024x768	**Size**	12.1 inches
Contrast Ratio	1000:1	**Panel Brightness**	500.0 nits
View Angles	89,89,89,89	**Active Area**	245.76x184.32 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		

System Specification

Processor	Intel® Processor N150 6M Cache, up to 3.60 GHz	**Memory**	8GB (Default) 16GB (Optional)
Storage	128GB SSD (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional) 2TB (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	324 x 274 x 57 mm	**Weight**	2.6 kg
Mounting	Panel mount (Default) VESA mount (Optional)	**Enclosure**	Metal Housing

Cooling System	Fanless Design	**Cut out**	303 x 234.5 mm

Environment

Operating Humidity	30% to 90% RH, Non-Condensing	**Operating Temperature**	-20°C to 60°C
Storage Temperature	-30°C to 70°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 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 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		

Control

Button	1 x Power Button 1 x Reset Button

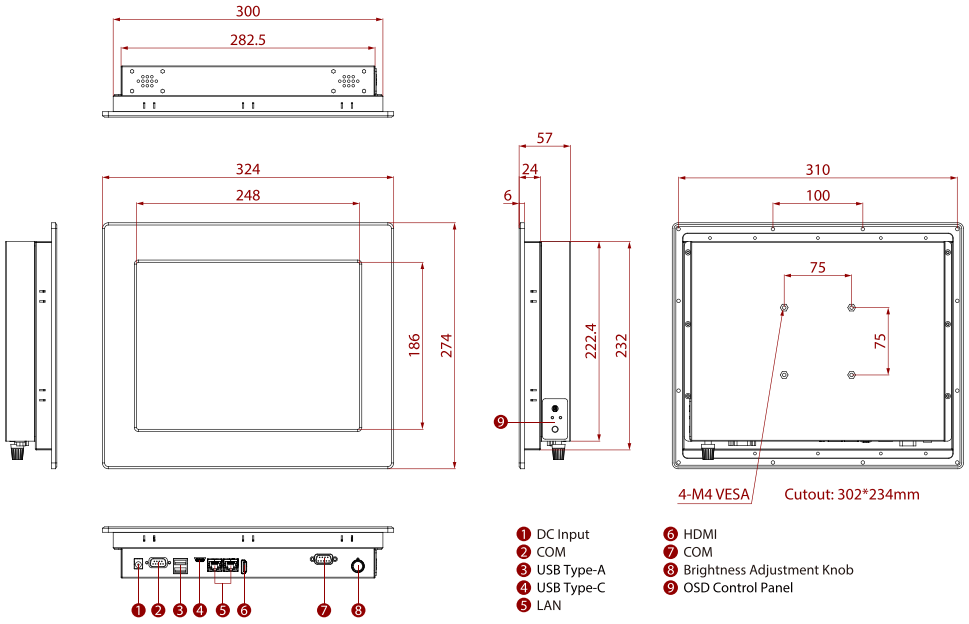
Accessory

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

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.

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