R12IAN3S-CHM2WT

12,1-Zoll-Panel-PC mit Weitbereichstemperatur-Gehäuse 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
- Chassis-Panel-PC für den breiten Temperaturbereich
- Unterstützt VESA-Halterung

INTRODUCTION

Der R12IAN3S-CHM2WT ist ein robuster 12,1-Zoll-Chassis-Panel-PC für den breiten Temperaturbereich, der mit dem Intel® Twin Lake N150-Prozessor ausgestattet ist und zuverlässige Leistung für industrielle HMI- und Automatisierungsanwendungen bietet. Er gewährleistet eine nahtlose Geräteintegration dank Dual-2,5-GbE-LAN und vielseitigen E/A-Optionen, einschließlich USB Typ C mit DP-Alt-Unterstützung. Ausgestattet mit einem langlebigen resistiven Touchscreen und VESA-Halterungsfähigkeit garantiert dieses System einen robusten, langfristigen Betrieb in anspruchsvollen Umgebungen.

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	303 x 217 x 60 mm	**Weight**	3.5 kg
Mounting	VESA mount	**Enclosure**	Metal Housing
Cooling System	Fanless Design		

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Environment

Operating Humidity	30% to 90% RH, Non-Condensing	**Operating Temperature**	-20°C to 60°C
Storage Temperature	-25°C to 65°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 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

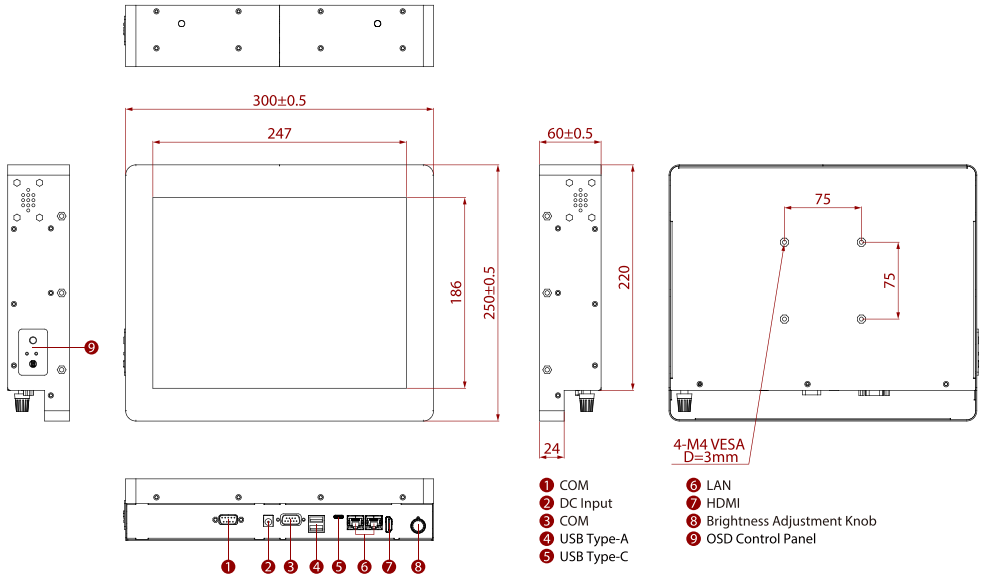
Accessory

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

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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