W24IT3S-65A2

24" Intel® Core™ i5 IP65 Stainless Resistive Chassis Panel PC

KEY FEATURES

- 11th Generation Intel® Core™ i5-1135G7 2.4GHz (up to 4.2GHz)
- Fanless Design
- Full IP65 dust/water resistant
- Stainless Housing with Anti-Corrosion Treatment
- Optical Bonding with Anti-moisture Treatment (Optional)
- Anti-Reflection Protection Glass (Optional)

INTRODUCTION

Winmate IP65 Resistive Chassis Panel PC Series offers a robust solution for industrial and hygienic applications, available in sizes ranging from 15" to 24". Engineered with a fanless design and housed in stainless steel with anti-corrosion treatment, these panel PCs ensure reliability in harsh environments. Full IP65 protection against water and dust, along with optional optical bonding and anti-reflection glass, enhances durability and visibility. The 5-wire resistive touch screen provides precise input, making it ideal for food processing, chemical industries, and other demanding settings.

SPECIFICATIONS

Display

Resolution	1920x1080	**Size**	24.0 inches
Contrast Ratio	3000:1	**Panel Brightness**	250.0 nits
View Angles	89,89,89,89	**Active Area**	527.04x296.46 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass w/o Touch Function (Optional)		

System Specification

WLAN	Support (Optional)	**BT**	Support (Optional)
Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	**Memory**	4GB(Default) (Default) 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	128GB SSD(Default) (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional) 2TB (Optional) 4TB 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional)	**Ethernet controller**	2 x Intel® Ethernet Controller
Security	TPM 2.0	**Operating System**	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)

Mechanical

Dimension	600 x 380 x 60.9 mm	**Mounting**	VESA mount (Default) Yoke mount (Optional)
Enclosure	Stainless Housing	**Cooling System**	Fanless Design

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Environment

Operating Humidity	10% to 90% RH, Non-Condensing	**Operating Temperature**	0°C to 45°C
Storage Temperature	-20°C to 60°C	**IP rating**	IP65

Certification

Certification	CE, FCC

IO Ports

USB Port	1x M12 Waterproof Connector for 2 x USB2.0	**Serial Port**	1 x M12 waterproof connector for RS232
LAN	1 x Waterproof Giga LAN RJ45 Connector	**Indicator**	1 x LED Indicator for power 1 x LED Indicator for storage

Control

Button	1 x Power Button 1 x Reset Button

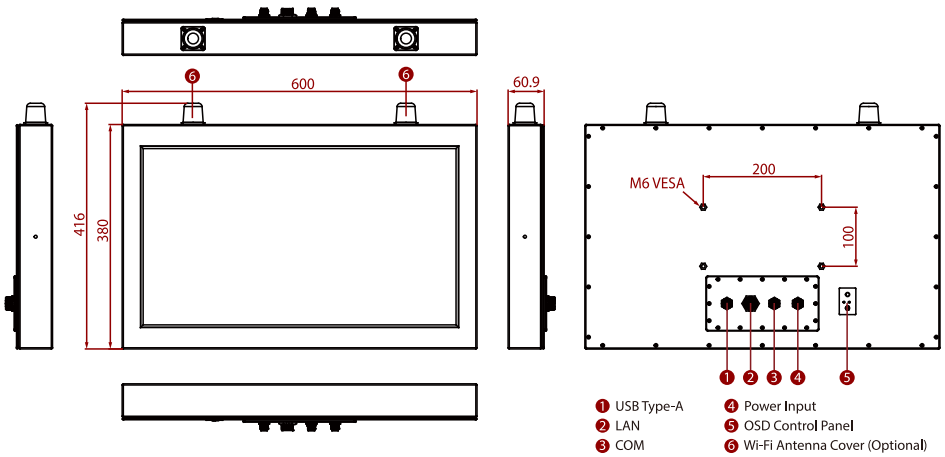
Accessory

Accessory	100~240V AC to DC Adapter with waterproof connector Power Cord External USB cable with waterproof connector External COM cable with waterproof connector External LAN cable with waterproof connector Waterproof caps Manual VESA screws

Power

Power Rating	12V DC (M12 type)

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.