

W22IAD3S-SPA369-P1

21.5" Intel® Core™ i5-1235U IP69K Stainless P Series Panel PC



KEY FEATURES

- 12th Generation Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)
- Fanless cooling system
- SUS316 / AISI 316 stainless steel for food and chemical industries
- Full IP69K waterproof enclosure
- A true flat, easy-to-clean front surface with edge-to-edge design
- Waterproof sealed conduit pipe for cable protection
- Support VESA mount, and optional Yoke mount stand
- Support Glove/ Rain mode
- Optical bonding (optional)

INTRODUCTION

Winmate IP69K Stainless P Series Panel PC is designed for extreme hygiene-critical environments such as food and chemical industries. Featuring 12th Gen Intel® Core™ processors, a fanless cooling system, and SUS316 stainless steel housing, this series ensures durability and performance under harsh conditions. Its full IP69K waterproof enclosure, sealed conduit pipe for cable protection, and edge-to-edge true flat design make it easy to clean and resistant to high-pressure cleaning. With VESA and optional yoke mounting, it supports Glove/Rain mode and optical bonding for enhanced usability and clarity.

SPECIFICATIONS

Display

Resolution	1920x1080	Size	21.5 inches
Contrast Ratio	3000:1	Panel Brightness	250.0 nits
View Angles	89,89,89,89	Active Area	476.64x268.11 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

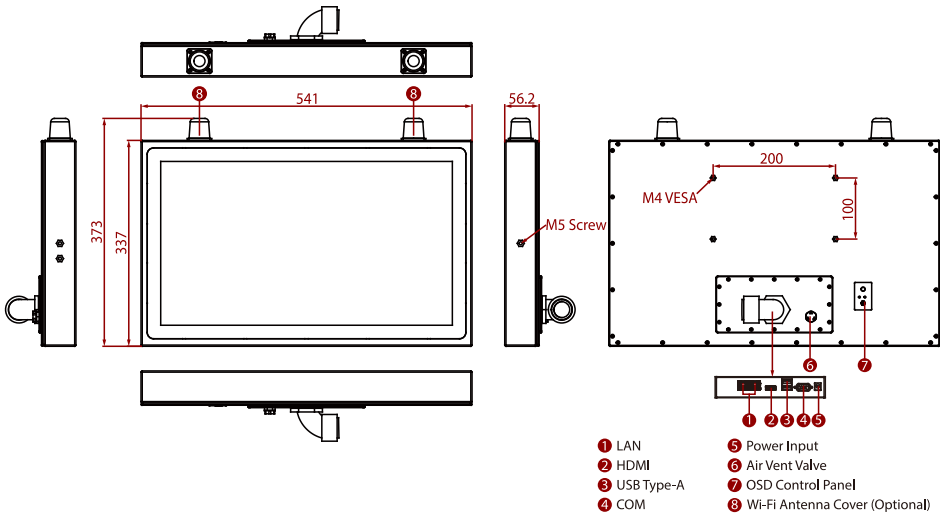
System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	Memory	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 2280 M-Key NVMe SSD 256GB 512GB (Optional) 1TB (Optional) 2TB (Optional) 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	541 x 337 x 56.2 mm	Weight	9Kg
Mounting	VESA mount Yoke mount (Optional)	Enclosure	Stainless Housing
Cooling System	Fanless Design		
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	IP69K
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	2 x USB3.2 Gen1x1 (Type-A)	Serial Port	1 x RS232/422/485 (Default RS232)
Video	1 x HDMI 1.4	LAN	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator on power button		
Control			
Button	1 x Power Button		
Accessory			
Accessory	1 x Waterproof Conduit 1.5m 1 x Waterproof Conduit 0.3m 2 x Elbow for connect the conduit 1 x AC to DC power adapter with power cord 1 x D-sub9(male) to RJ45 adapter 1 x D-sub9(female) to RJ45 adapter 1 x External RJ45 male to male cable VESA screws	Optional Accessory	1 x Open wire cable for phoenix connector (Optional) Yoke mount stand kit (Optional)
Power			
Power Rating	12V DC		

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.