W22IAD3S-SPA3-R

21.5" Intel® Core™ i5-1235U IP65 Stainless R Series Panel PC



KEY FEATURES

- 12th Generation Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)
- Round corner design
- A true flat, easy-to-clean front surface with an edge-to-edge design
- Sealed to IP65 for protection against water and dust
- Support Glove / Rain mode
- SUS 316 / AISI 316 stainless steel for food and chemical industries
- Various mounting solutions
- Optical bonding (optional)



SPECIFICATIONS

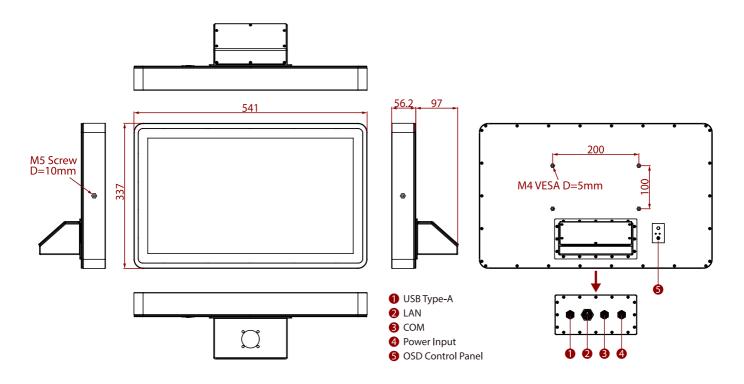
Resolution 1920x1080 Size 21.5 inches Contrast Ratio 3000:1 Panel Brightness 250.0 nits View Angles 89,89,89,89 Active Area 476.64x268.11 mm Touch / Glass Projected Capacitive Multi Touch Screen System Specification WLAN Support (Optional) BT Support (Optional) Processor Intel® Core™ I5-1235U 3.3GHz(up to 4.40 GHz) Memory 1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) Storage 1 x M.2 2280 M-Key NVMe SSD 256GB 512GB (Optional) Ethernet controller 512GB (Optional) 2 x Intel® Ethernet Controller 512GB (Optional) Security TPM 2.0 Operating System Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntus 2.04(Do not support Wake on Touch) (Optional) Arm mount (Optional) Enclosure Stainless Housing Cooling System Fanless Design Environment Operating Humidity 10% to 90% RH, Non-Condensing Operating Premperature Prest Storage 20°C to 60°C Prating IP rating IP65 Certification Certification Certification USB Port <th></th> <th></th> <th></th> <th></th>					
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, DDRS 4800 MHz, 8GB 16GB (Optional) 32GB (Optional) 32G	Display				
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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) 32GB (Optional) 32GB (Optional) 17B (Optional) 17B (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) 2 X SATA III for 2.5" SSD/HDD up to 2TB (Optional) 3 X SATA III for 2.5" SSD/HDD up to 2TB (Optional) 3 X SATA III for 2.5" SSD/HDD up to 2TB (Optional) 3 X SATA III for 2.5" SSD/HDD up to 2TB (Optional) 4 X SATA III for 2.5" SSD/HDD up to 2TB (Option	System Specificati	ion			
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S12GB (Optional) TIB (Optional) TIB (Optional) 2TB (Optional) 2TB (Optional) 1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) Optional) VESA mount Yoke mount (Optional) Arm mount (Optional) Arm mount (Optional) Arm mount (Optional) Arm mount (Optional) Operating Panless Design Panless Design Panless Design Premperature	Processor	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	Memory	16GB (Optional)	
Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional) Mechanical	Storage	512GB (Optional) 1TB (Optional) 2TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller	
Dimension 541 x 337 x 56.2 mm (without junction box) 541 x 337 x 153.2 mm (with junction box) Yoke mount (Optional) Arm mount (Optional) Parlies Design Environment Operating Humidity 10% to 90% RH, Non-Condensing Operating Temperature Storage Temperature Poor IP Prating Ple65 Certification CE, FCC IO Ports Power Input 1 x M12 waterproof connector for 12V DC USB Port 1x M12 waterproof connector for 2 x USB2.0	Security	TPM 2.0	Operating System	Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch)	
Finches and the state of the st	Mechanical				
Environment Operating Humidity 10% to 90% RH, Non-Condensing Operating Temperature Storage -20°C to 60°C IP rating IP65 Certification Certification CE, FCC IO Ports Power Input 1 x M12 waterproof connector for 12V DC USB Port 1x M12 waterproof connector for 2 x USB2.0	Dimension		Mounting	Yoke mount (Optional)	
Operating Humidity 10% to 90% RH, Non-Condensing Operating Temperature Storage -20°C to 60°C IP rating IP65 Certification Certification CE, FCC IO Ports Power Input 1 x M12 waterproof connector for 12V DC USB Port 1x M12 waterproof connector for 2 x USB2.0	Enclosure	Stainless Housing	Cooling System	Fanless Design	
Temperature Storage	Environment				
Temperature Certification Certification CE, FCC IO Ports Power Input 1 x M12 waterproof connector for 12V DC USB Port 1x M12 waterproof connector for 2 x USB2.0	Operating Humidity	10% to 90% RH, Non-Condensing		0°C to 45°C	
Certification CE, FCC IO Ports Power Input 1 x M12 waterproof connector for 12V DC USB Port 1x M12 waterproof connector for 2 x USB2.0		-20°C to 60°C	IP rating	IP65	
Power Input 1 x M12 waterproof connector for 12V DC USB Port 1x M12 waterproof connector for 2 x USB2.0	Certification				
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	IO Ports				
Serial Port 1 x M12 waterproof connector for RS232 LAN 1 x waterproof Giga LAN RJ45 connector	Power Input	1 x M12 waterproof connector for 12V DC	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 Junction Box Waterproof caps Manual VESA screws

Power

Power Rating 12V DC (M12 type)

DIMENSIONS UNIT:MM



NOTE

- ${\it 1. This is a simplified drawing and some components are not marked in detail.}\\$
- 2. 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.
- 3. All specifications are subject to change without prior notice.
- 4. For more information about Universal Carrying System Adapter for Winmate Stainless Panel PCs/ Display (with Junction Box), pls reference https://www.winmate.com/Support/Mounting_ARMMount