

R19IE3S-SPM169

19" Intel Atom® x6413E IP69K Stainless PCAP Chassis Panel PC



KEY FEATURES

- Intel Atom® x6413E Elkhart Lake processor
- SUS 316 / AISI 316 stainless steel for food and chemical industries
- Sealed to IP69K for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Flat multi-touch panel pc with superior readability and P-Cap technology
- Various mounting solutions, Yoke mount and VESA mount
- Plenty of I/O s including USB 2.0, RS232 serial port and RJ45-10/100/1000 LAN ports
- Waterproof ports with adapter cables for external connectivity
- Support Glove / Rain mode
- Optical bonding (optional)

INTRODUCTION

Winmate IP69K Stainless PCAP Chassis Panel PC Series offers robust solutions for demanding environments, featuring Intel® processors and sizes ranging from 10.4" to 24". Designed with SUS 316/AISI 316 stainless steel, these PCs are ideal for food, beverage, and chemical industries. The full IP69K waterproof enclosure, true-flat PCAP touch screen, and edge-to-edge design ensure durability, hygiene, and easy cleaning. Equipped with versatile I/Os, waterproof ports, and support for VESA/YOKE mounts, these panel PCs provide superior performance in wet, dusty, and extreme conditions, including Glove and Rain modes.

SPECIFICATIONS

Display

Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	250.0 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel Atom® x6413E (up to 3.0GHz)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 B-key SSD 128GB 256GB (Optional) 512GB (Optional)	Ethernet controller	1 x Intel® Ethernet Controller
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional)		

Linux Ubuntu 22.04 (Optional)

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	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
--------	--------------------------------------

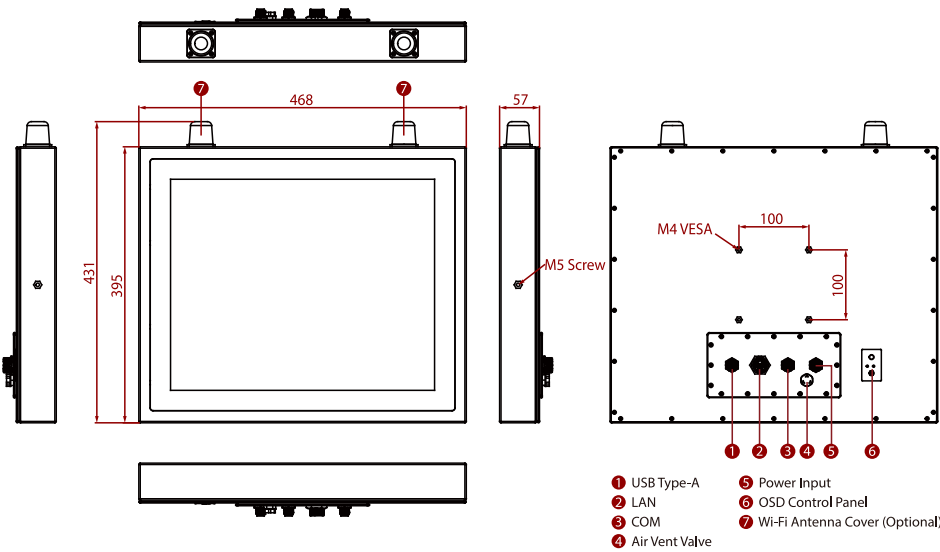
Accessory

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.