

# W24IE3S-SPA269

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



## KEY FEATURES

- 24", 1920 x 1080, P-cap touch with flat design
- Intel Atom® x6413E Elkhart Lake processor
- SUS 316 / 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
- Plenty of I/Os, including USB 2.0, RS232 and RJ45-10/100/1000 LAN
- Waterproof ports with adapter cables for external connectivity
- Support VESA/ YOKE mount
- 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

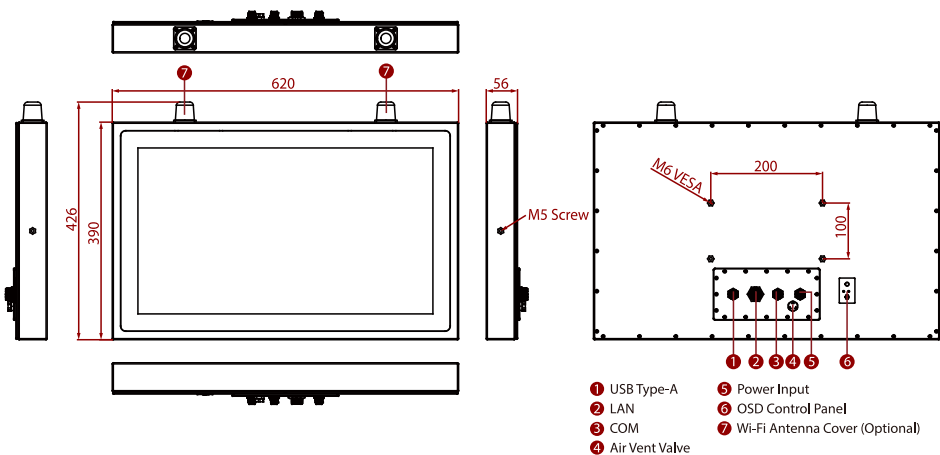
|                |                                         |                  |                  |
|----------------|-----------------------------------------|------------------|------------------|
| Resolution     | 1920x1080                               | Size             | 24.0 inches      |
| Contrast Ratio | 3000:1                                  | Panel Brightness | 250.0 nits       |
| View Angles    | 89,89,89,89                             | Active Area      | 527.04x296.46 mm |
| Touch / Glass  | 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<br>8GB (Optional)<br>16GB (Optional) |
| Storage          | 1 x M.2 2242 B-key SSD 128GB<br>256GB (Optional)<br>512GB (Optional)                                                                                                | Ethernet controller | 1 x Intel® Ethernet Controller                                       |
| Operating System | Windows 11 IoT Enterprise (64 bit) (Optional)<br>Windows 11 Pro 64 bit (Optional)<br>Windows 10 IoT Enterprise (64 bit) (Optional)<br>Linux Ubuntu 22.04 (Optional) |                     |                                                                      |

| 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            | 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<br>1 x LED Indicator for storage |
| Control             |                                                                                                                                                                                                                                                               |                       |                                                              |
| Button              | 1 x Power Button<br>1 x Reset Button                                                                                                                                                                                                                          |                       |                                                              |
| Accessory           |                                                                                                                                                                                                                                                               |                       |                                                              |
| Accessory           | 100~240V AC to DC Adapter with waterproof connector<br>Power Cord<br>External USB cable with waterproof connector<br>External COM cable with waterproof connector<br>External LAN cable with waterproof connector<br>Waterproof caps<br>Manual<br>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.