

# W22IE3S-SPA3-B

21.5" Intel Atom® x6413E IP65 Stainless B Series Panel PC



CE

FC



## KEY FEATURES

- Intel Atom® x6413E Elkhart Lake processor
- Fanless cooling system
- SUS 316 / AISI 316 stainless steel for food and chemical industries
- Full IP65 waterproof enclosure
- A true flat, easy-to-clean front surface with edge-to-edge design
- Supports VESA mount
- Rotary switch adjust different touch mode for Hand / Rain / Glove application
- Emergency and Flat buttons for automation device control
- Optical bonding (optional)

## INTRODUCTION

Winmate IP65 Stainless B Series with Push Buttons is engineered for automation and industrial applications in food, beverage, and chemical industries. Featuring Intel® processors, SUS 316 stainless steel construction, and a fanless design, these devices ensure durability and hygiene in demanding environments. The full IP65-rated enclosure and edge-to-edge design make cleaning easy, while the rotary switch supports multiple touch modes for varied conditions. Integrated emergency and flat push buttons provide seamless device control, ensuring reliability and efficiency in critical operations.

## 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 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) |                     |                                                                      |

### Mechanical

|           |                   |          |            |
|-----------|-------------------|----------|------------|
| Dimension | 595 x 337 x 69 mm | Mounting | VESA mount |
|-----------|-------------------|----------|------------|

|           |                   |                |                |
|-----------|-------------------|----------------|----------------|
| Enclosure | Stainless Housing | Cooling System | Fanless Design |
|-----------|-------------------|----------------|----------------|

|               |         |
|---------------|---------|
| Certification | CE, FCC |
|---------------|---------|

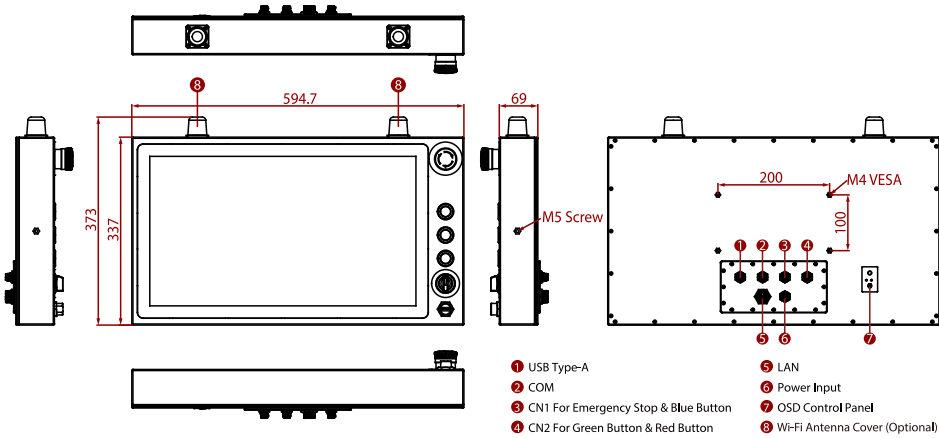
| IO Ports    |                                         |                |                                                                                                 |
|-------------|-----------------------------------------|----------------|-------------------------------------------------------------------------------------------------|
| Power Input | 1 x M12 waterproof connector for 12V DC | USB Port       | 1 x M12 waterproof connector for 2 x USB2.0<br>1 x Front waterproof connector for USB2.0 type-A |
| Serial Port | 1 x M12 waterproof connector for RS232  | Expansion Port | CN1 and CN2 for front button control                                                            |
| LAN         | 1 x waterproof Giga LAN RJ45 connector  | Indicator      | 1 x LED Indicator for power<br>1 x LED Indicator for storage                                    |

| Control |                                                                                                                                                                             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Button  | Rear side:<br>1 x Power Button<br>1 x Reset Button<br>Front side:<br>1 x Emergency Button & 3 x Flat Button for CN1 & CN2 M12 connector<br>1 x Rotary Switch for touch mode |

| 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>External cables for CN1 & CN2 with waterproof connector<br>Waterproof caps<br>RJ45 female-female converter<br>VESA screws | Optional Accessory | 1 x Open wire cable for M12 connector |

| Power        |                                         |
|--------------|-----------------------------------------|
| Power Rating | M12 Type: 12V DC<br>9~36V DC (Optional) |

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.