

# W22IB3S-SPA3-B

## 21.5" Intel® Celeron® N2930 IP65 Stainless B Series Panel PC



### KEY FEATURES

- Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)
- 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)



### OVERVIEW



#### Waterproof All-Around

The Panel PC complies with IP65 water and dust resistance for regular cleanup processes and strict hygiene standards in the Food, Beverage, and Pharmaceutical industries.



#### Stainless B Series with Push Buttons

Push-buttons bring precise control directly to the work area, eliminating wasted movement and increasing productivity. Also, the physical buttons are especially useful for critical situations like emergency shutdowns.



#### Emergency Stop

When an emergency occurs, we don't want to waste time navigating through HMI screens; hence a button offers a quick and simple way to shut down the process.



#### Ultimate Touch Experience

The highly-sensitive touch screen and PCAP multi-touch support make it easy for users to key in data, rotate images, drag and drop files, and zoom in with two or more fingers. The rotary switch gives a simple, intuitive way to switch hand, rain, and glove modes.

### SPECIFICATIONS

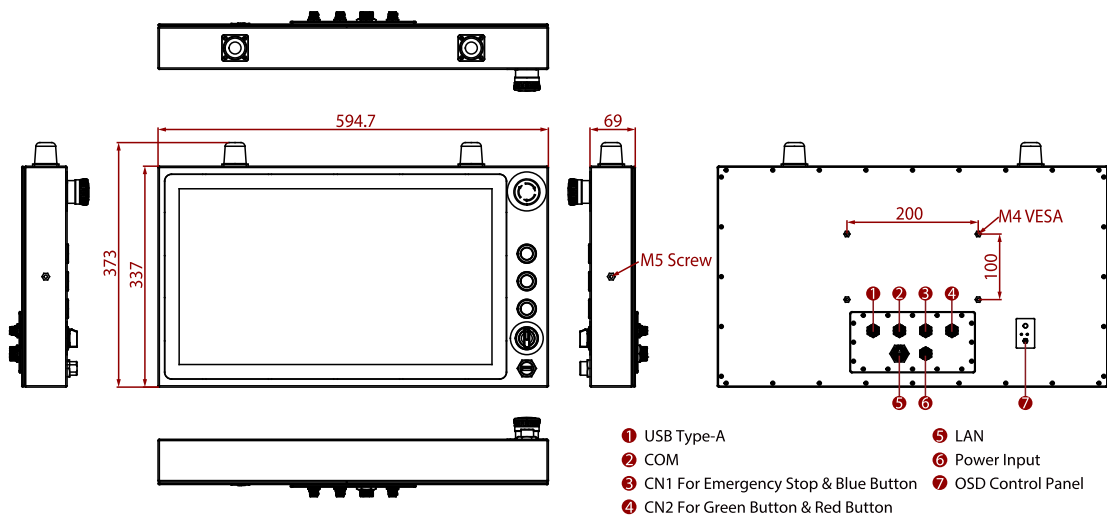
Display			
Resolution	1920x1080	Size	21.5 inches
Contrast Ratio	3000:1	Panel Brightness	250 nits
View Angles	89,89,89,89	Active Area	476.64x268.11 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
Processor	Intel Celeron N2930 1.83GHz (up to 2.16GHz)	Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA SSD 128GB. mSATA SSD up to 512GB. (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional)	WLAN	Support (Optional)

Linux Ubuntu 20.04 (Optional)

Support (Optional)

<b>Mechanical</b>			
<b>Dimension</b>	595 x 337 x 69 mm	<b>Mounting</b>	VESA Mount
<b>Enclosure</b>	Stainless Housing	<b>Cooling System</b>	Fanless design
<b>Environment</b>			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 45°C
<b>Storage Temperature</b>	-20°C to 60°C	<b>IP rating</b>	IP65
<b>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>IO Ports</b>			
<b>Power Input</b>	1 x M12 waterproof connector for 12V DC	<b>USB Port</b>	1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A
<b>Serial Port</b>	1 x M12 waterproof connector for RS232	<b>Expansion Port</b>	CN1 and CN2 for front button control
<b>LAN</b>	1 x waterproof Giga LAN RJ45 connector	<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage
<b>Control</b>			
<b>Button</b>	Rear side: 1 x Power Button 1 x Reset Button Front side: 1 x Emergency Button & 3 x Flat Button for CN1 & CN2 M12 connector 1 x Rotary Switch for touch mode		
<b>Accessory</b>			
<b>Accessory</b>	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 External cables for CN1 & CN2 with waterproof connector Waterproof caps RJ45 female-female converter VESA screws	<b>Optional Accessory</b>	1 x Open wire cable for M12 connector
<b>Power</b>			
<b>Power Rating</b>	M12 Type: 12V DC 9~36V DC (Optional)		

**DIMENSIONS** UNIT:MM



**NOTE**

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.