R15IB3S-SPC3-B

15" Stainless B Series Panel PC

KEY FEATURES

- A true flat, easy-to-clean front surface with edge-to-edge design
- Emergency and Flat buttons for automation device control
- Fanless cooling system
- Full IP65 waterproof enclosure, good corrosion resistance
- Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)
- Rotary switch adjust different touch mode for Hand/ Rain/ Glove application
- Supports VESA mount
- SUS 316/ AISI 316 stainless steel for food and chemical industries

CE FC

SPECIFICATIONS

Display

Resolution	1024x768	**Size**	15.0 inches
Contrast Ratio	2000:1	**Panel Brightness**	300 nits
View Angles	88,88,88,88	**Type**	Projected Capacitive Multi Touch Screen

System Specification

Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	**Memory**	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB(Optional)
Storage	1 x mSATA SSD 64GB. mSATA SSD up to 512GB.(Optional)	**Expansion**	1 x mPCIe slot(for half size Wifi module) 1 x mPCIe slot(for SSD)
Ethernet controller	2 x Intel® Ethernet Controller I210-AT	**Security**	TPM 2.0
Operating System	Windows 7 Embedded Systems(Optional) Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04(Optional)	**WLAN**	802.11 a/b/g/n/ac(Optional)
BT	BT Support(Optional)		

Mechanical

Dimension	426 x 301 x 69 mm	**Mounting**	VESA Mount
Enclosure	Stainless Housing	**Cooling System**	Fanless design

Environment

Operating Humidity	10% to 90% (non-condensing)	**Operating Temperature**	0~45°C
Storage Temperature	-20~60°C	**IP rating**	IP65

Certification

Certification	CE, FCC

IO Ports

USB Port	1 x M12 waterproof connector for 2 x USB2.0 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 1 x LED Indicator for storage		

Control

Button	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
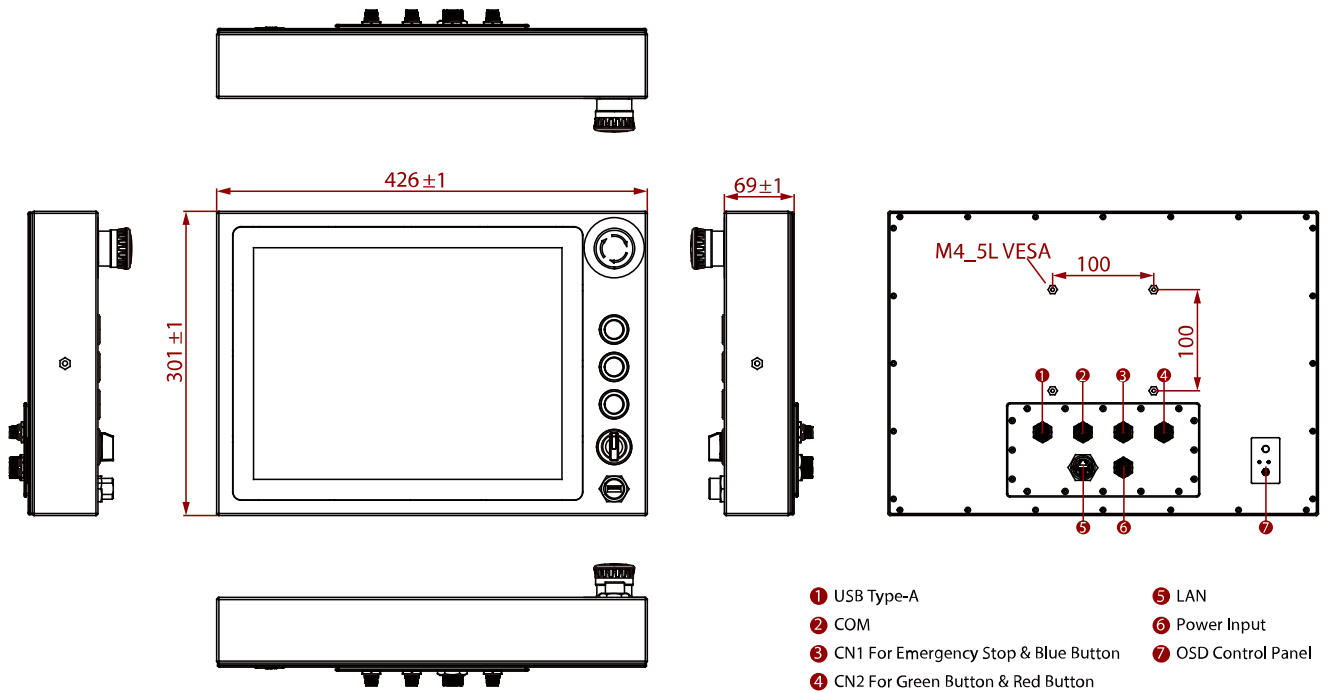1 x Rotary Switch for touch mode

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 External cables for CN1 & CN2 with waterproof connector Waterproof caps RJ45 female-female converter Driver CD & Manual VESA screws

Power

Power Rating	M12 Type: 12V DC in 9~36V DC(Optional)

DIMENSIONS UNIT:MM

❶ USB Type-A   ❺ LAN
❷ COM   ❻ Power Input
❸ CN1 For Emergency Stop & Blue Button   ❼ OSD Control Panel
❹ CN2 For Green Button & Red Button

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.