R15IB3S-SPC3

15" Intel® Celeron® N2930 IP65 Stainless PCAP Chassis Panel PC

CE

FC

IP65 INGRESS PROTECTION

KEY FEATURES

- Intel® Celeron® Bay Trail-M N2930 1.83GHz Processor
- SUS 316/ AISI 316 stainless steel for food and chemical industries
- Sealed to IP65 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 IP65 Stainless PCAP Chassis Panel PC Series is designed for demanding environments like food and chemical industries, offering sizes from 10.4" to 24". Built with SUS 316/AISI 316 stainless steel and sealed to IP65 standards, these panel PCs provide exceptional durability and protection against water and dust. Featuring a flat, edge-to-edge multi-touch design with P-Cap technology, superior readability, and glove/rain mode support, they ensure seamless operation. With robust fanless cooling, optical bonding options, and versatile mounting solutions, they deliver reliable performance in harsh and hygienic applications.

SPECIFICATIONS

Display

Resolution	1024x768	Size	15.0 inches
Contrast Ratio	2000:1	Panel Brightness	300.0 nits
View Angles	88,88,88,88	Active Area	304.1x228.1 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) Linux Ubuntu 20.04 (Optional)	WLAN	Support (Optional)
BT	Support (Optional)		

Mechanical

Dimension	378 x 301 x 56.4 mm	Weight	6.3Kg
Mounting	VESA Mount Yoke Mount	Enclosure	Stainless Housing
Cooling System	Fanless design		

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	IP65

Certification

Certification	CE, FCC

IO Ports

Power Input	1 x M12 waterproof connector for 12V DC	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

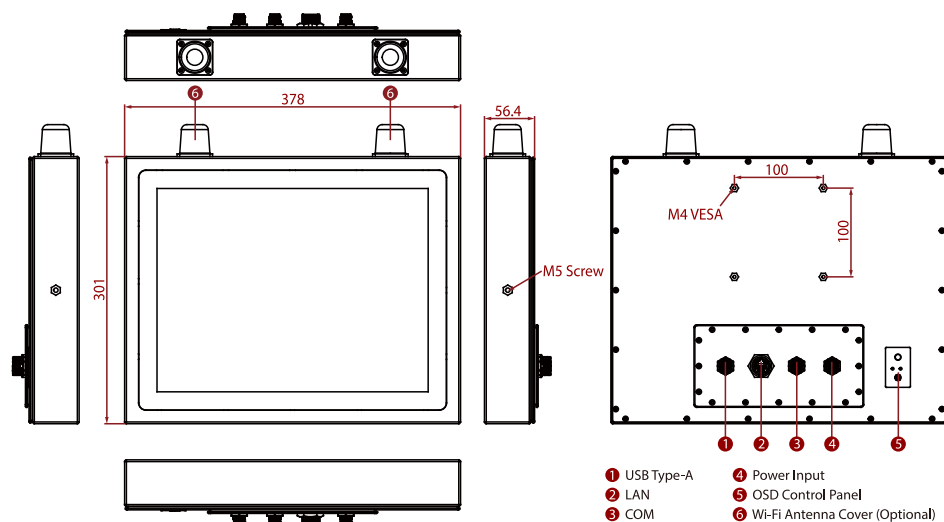| Button	1 x Power Button 1 x Reset Button

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 VESA screws

Power

Power Rating	12V DC (M12 type)

DIMENSIONS   UNIT:MM

378
56.4
301
M5 Screw
100
M4 VESA
100

1 USB Type-A   4 Power Input
2 LAN   5 OSD Control Panel
3 COM   6 Wi-Fi Antenna Cover (Optional)

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.