R15IB3S-65EX
15" ATEX Panel PC

KEY FEATURES

- 15" 1024 x 768, PCAP touchscreen
- Class 1, Division 2 & ATEX Zone 2 & IECEx Zone 2 device certified for hazardous area application
- Fanless design with streamlined enclosure for highly efficient heat dissipation
- Intel® Celeron® Processor N2930
- Wide operating temperature -20˚C to 50˚C

CE FC

SPECIFICATIONS

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)		

Display

Type	Projected Capacitive Multi Touch Screen Bonding With Panel	**Resolution**	1024x768
Size	15.0 inches	**Contrast Ratio**	2000:1
Panel Brightness	550 nits	**View Angles**	88,88,88,88

Mechanical

Dimension	396 x 310 x 49 mm	**Mounting**	VESA Mount
Enclosure	Stainless Housing	**Cooling System**	Fanless design

Environment

Operating Humidity	10% to 95% (non-condensing)	**Operating Temperature**	-20~50°C
Storage Temperature	-20~50°C	**Shock**	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	**IP rating**	IP65
Drop	MIL-STD-810G Method 516.6		

Certification

Certification	CE, FCC IECEx Zone 2 Certication (applied for) nA IIC T4 Gc -20 °C ≤ Ta ≤ +50 °C ATEX Zone 2 Certication (applied for) II 3 G Ex nA IIC T4 Gc -20 °C ≤ Ta ≤ +50 °C UL Listing Certication (applied for) Class I, Division 2, Groups A, B, C, and D

IO Ports

USB Port	1x M21 type connector for 2 x USB2.0	**Serial Port**	1 x M12 connector for RS232/422/485 (Default RS232)

LAN	1 x M12 type connecctor gor Giga LAN	**Indicator**	1 x LED Indicator for power 1 x LED Indicator for storage

Control

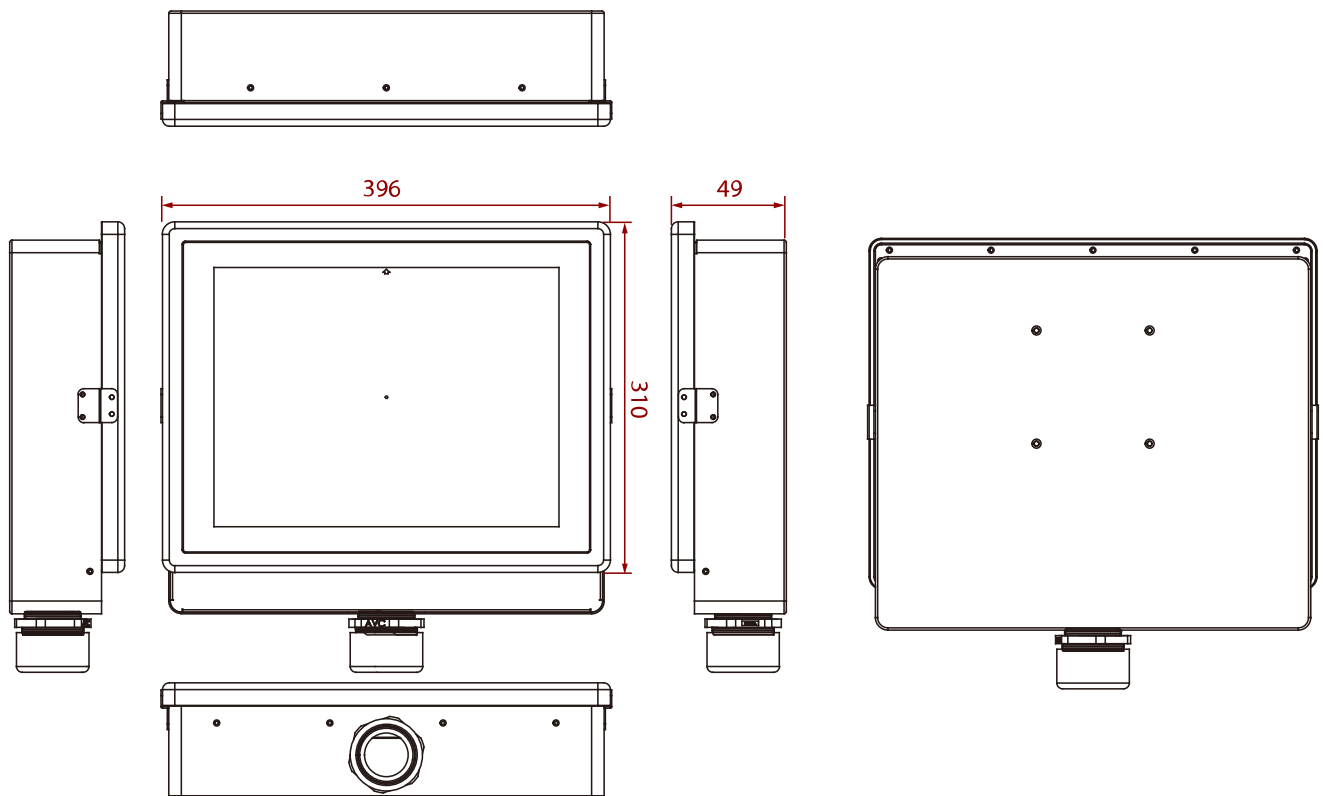| **Button**	1 x Power Button 1 x Reset Button

Accessory

Accessory	100~240V AC to DC Power Adapter with IP65 Connector Power Cord IP65 M21 Power Cable IP65 M12 RS232 Male Cable IP65 M21 USB Female Cable IP62 M12 LAN Cable RJ45 female-female converter USB Adapter (USB type A to type B) Driver CD & Manual VESA screws

DIMENSIONS   UNIT:MM

w/o Box Cover

396

49

310

1 ● Power Input   4 ● USB Type-A
2 ● LAN   5 ● Air Vent Valve
3 ● COM   6 ● OSD Control Panel

With Box Cover

396

49

310
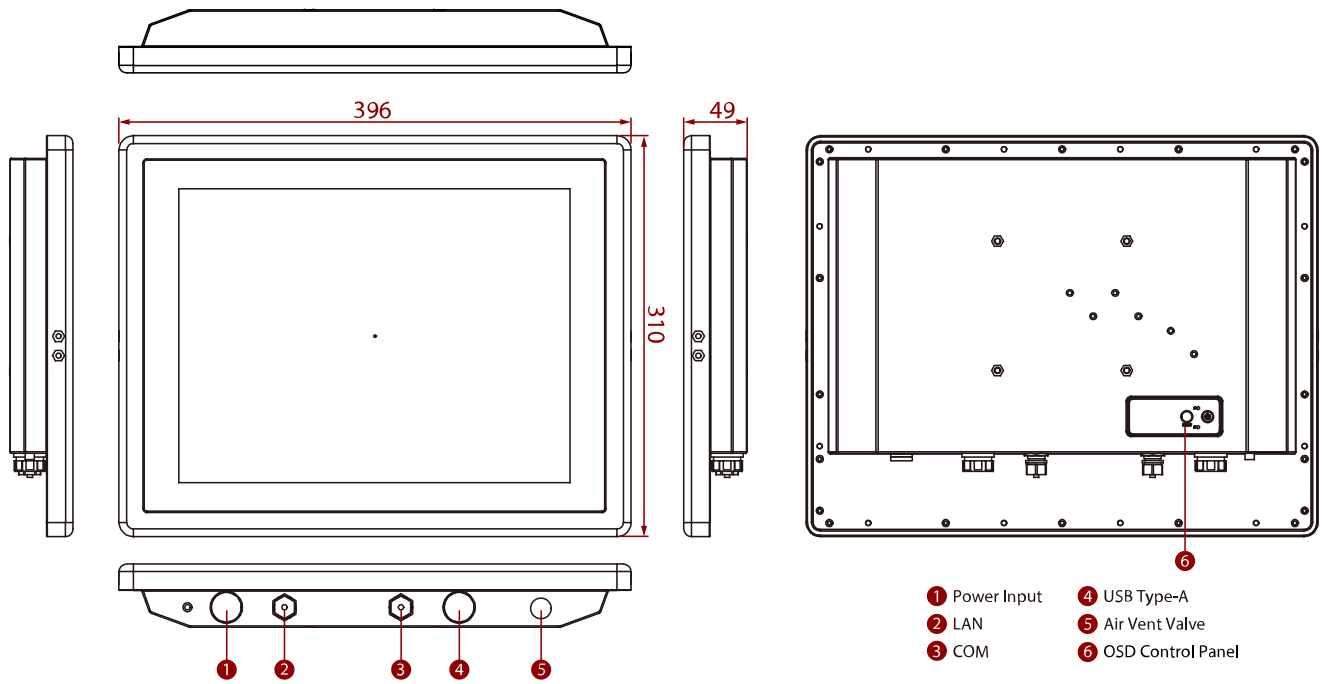
NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. Length measurements do not include protrusions. Weight varies with options.
3. Measured at maximum backlight and high CPU load.
4. Accessories and Integrated Options may vary depending on your configuration.
5. 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.