

RAL15IB3S65EX

15" Intel® Celeron® N2930 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
- Intel® Celeron® Processor N2930
- Fanless design with streamlined enclosure for highly efficient heat dissipation
- Wide operating temperature -20 °C to 50 °C



SPECIFICATIONS

System Specification

Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)
Storage	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)

Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
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Ethernet controller	2 x Intel® Ethernet Controller I210-AT
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Display

Touch / Glass	Projected Capacitive Multi Touch Screen Bonding With Panel
Size	15 inches
Panel Brightness	550 nits 1000 nits(Optional)
Active Area	304.1x228.1 mm

Resolution	1024x768
Contrast Ratio	2000:1
View Angles	88,88,88,88

Mechanical

Dimension	396 x 310 x 49 mm
Enclosure	Stainless Housing

Mounting	VESA Mount
Cooling System	Fanless design

Environment

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

Operating Temperature	-20~50°C
Shock	MIL-STD-810G Method 516.6
IP rating	IP65

Certification

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

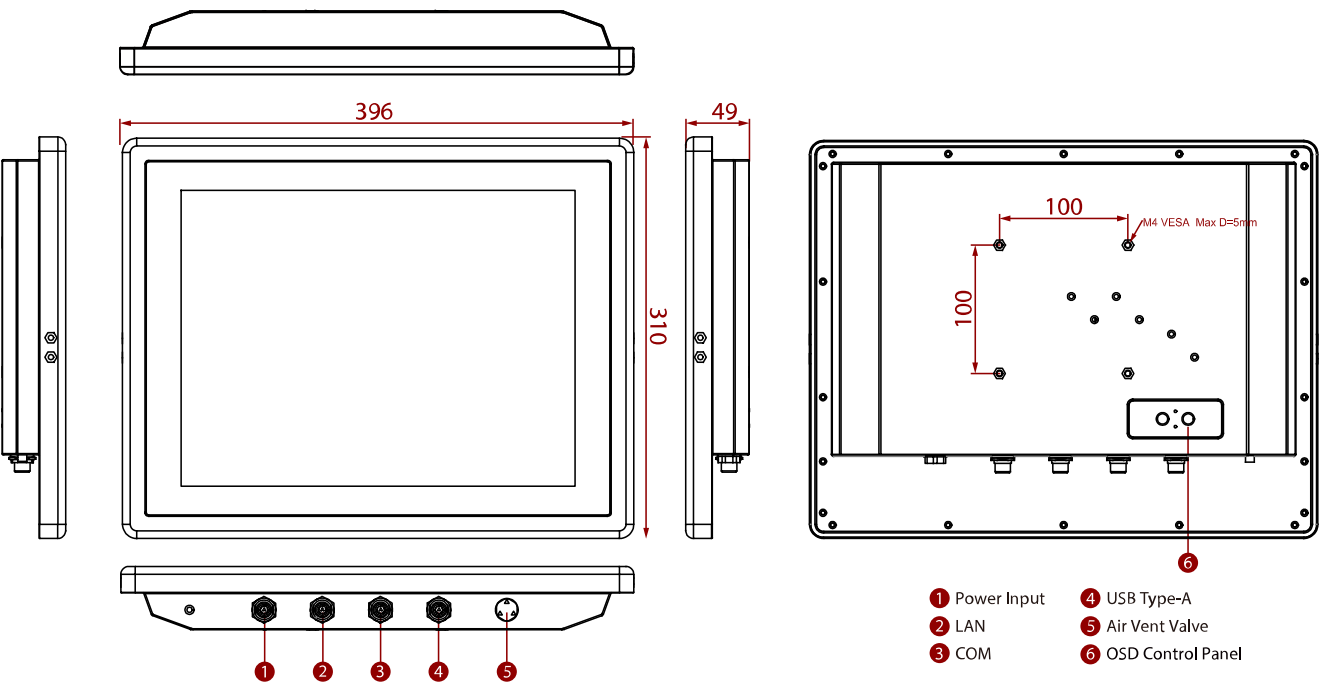
Power Input	1 x 9~36V DC, M12 Type connector
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USB Port	1x M12 type connector for 2 x USB2.0
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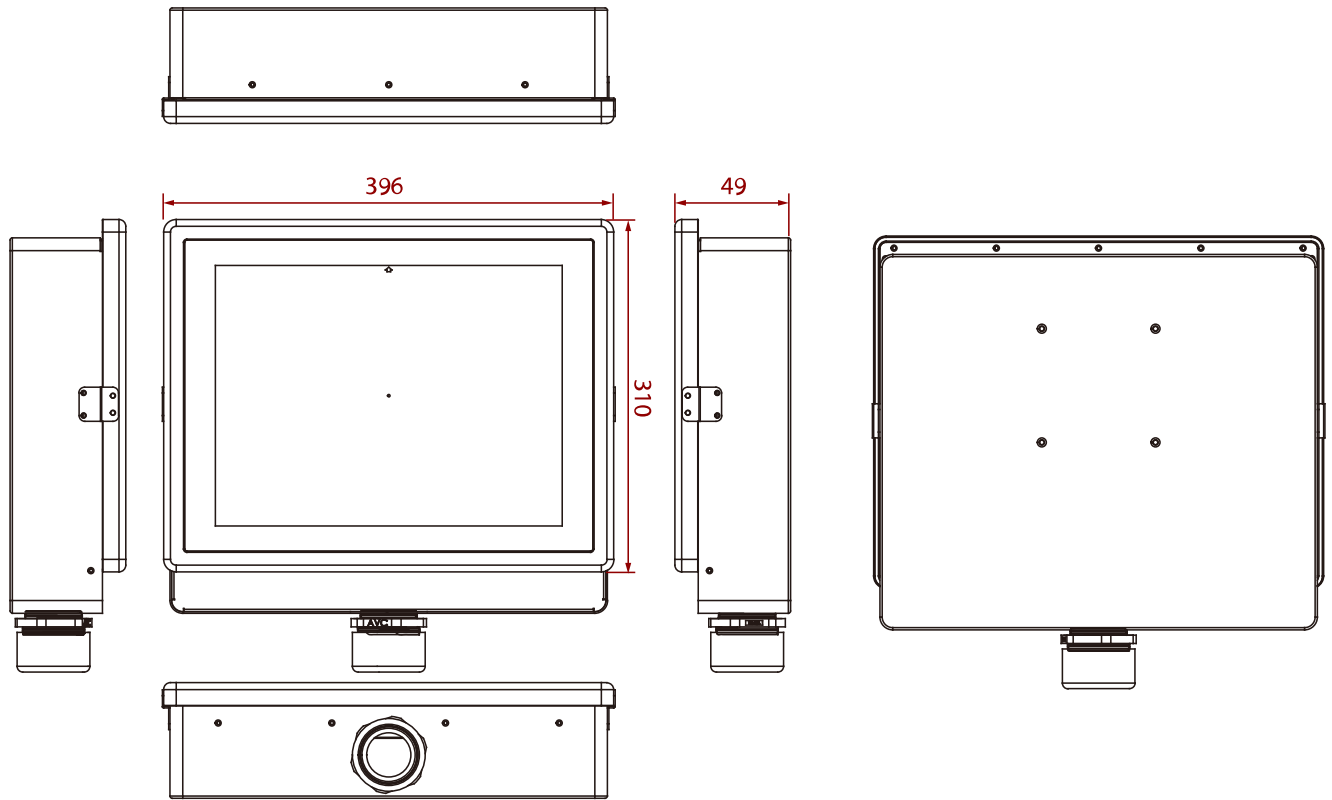
Serial Port	1 x M12 connector for RS232/422/485 (Default RS232)	LAN	1 x M12 type connector for Giga LAN
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage		
Control			
Button	1 x Power Button 1 x Reset Button		
Accessory			
Accessory	100~240V AC to DC Power Adapter with M12 Connector Power Cord M12 Type Power Cable M12 Type RS232 Male Cable M12 Type USB Female Cable M12 Type 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



With Box Cover



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 us for more information.