W10IB3S-PCH2LB

10.1" Intel® Celeron® N2930 S Series HMI Panel PC

KEY FEATURES

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (PCAP)
- Intel® Celeron® Bay Trail-M N2930, 1.83 GHz
- Fanless cooling system and ultra-low power consumption
- Supports PoE function
- All-around LED status light bar
- Optional HF RFID Reader
- Stylish design for room booking, access control and room information applications

CE FCC

SPECIFICATIONS

Display

Resolution	1280x800	**Size**	10.1 inches
Contrast Ratio	800:1	**Panel Brightness**	350.0 nits
View Angles	85,85,85,85	**Active Area**	216.96x135.6 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 M.2 2242 B-key SSD 128GB. M.2 2242 B-key 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)	**RFID**	HF RFID Reader 13.56 MHz (Optional)
Light Bar	Built-in All-Around RGB LED Light Bar		

Mechanical

Dimension	264.57 x 173.29 x 35.7 mm	**Mounting**	Panel mount VESA Mount
Enclosure	Plastic Front Bezel with Metal Back Cover	**Cooling System**	Fanless design
Cut out	250x159mm		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	**Operating Temperature**	0°C to 50°C
Storage Temperature	-10°C to 60°C	**IP rating**	Front IP65

Certification

Certification	CE, FCC

IO Ports

Power Input	1 x 12V DC, 3-Pin Terminal Block	**USB Port**	1 x USB3.2 Gen1x1 (Type-A) 1 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)	**Audio**	1 x Speaker
Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD)	**LAN**	2 x Giga LAN RJ45 Connector, One with PoE(PD, 802.3at)(Optional)

Accessory

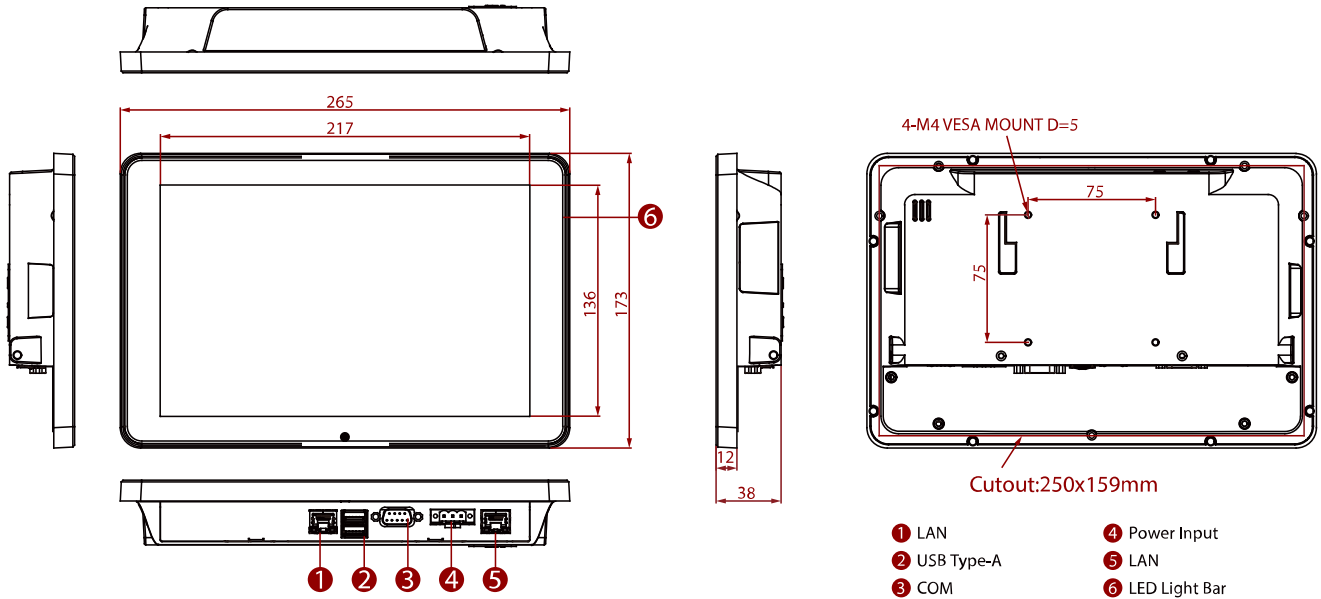| Accessory		Optional Accessory	
Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector VESA screws	**Optional Accessory**	VESA Wall Mount (O VESA Desk Stand (Optional) Glass Wall Mount Kit (Optional) Front Side Wall Mount (Optional) VESA bracket mounting kit (Optional)

Power

Power Rating	12V DC 10~60V (Optional)	**Adapter**	12V 50W
POE	PoE (PD): follows IEEE 802.3at (25 W)		

DIMENSIONS UNIT:MM

4-M4 VESA MOUNT D=5

75
75

Cutout:250x159mm

265
217
173
136
12
38

❶ LAN   ❹ Power Input
❷ USB Type-A ❺ LAN
❸ COM   ❻ LED Light Bar

NOTE

1. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
2. Total usable memory will be less dependent upon actual system configuration.
3. Length measurements do not include protrusions. Weight varies with options.
4. This is a simplified drawing and some components are not marked in detail.
5. Accessories and integrated options may vary depending on your configuration.
6. 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.

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