W10IP3S-PCH2AC-POE

10.1" Intel® Pentium® N4200 S Series HMI Panel PC

KEY FEATURES

- 10.1" 1280 x 800 PCAP multi-touch screen
- Intel® Pentium® N4200 Apollo Lake Processor
- Fanless cooling system and ultra-low power consumption
- Dual Gigabit Ethernet
- RGB LED Light Bars on 2 sides
- Front IP65 water and dust proof
- Optional 2 MP Front Camera
- Optional HF RFID Reader
- Support PoE function
- Stylish design for room booking, access control and room information applications
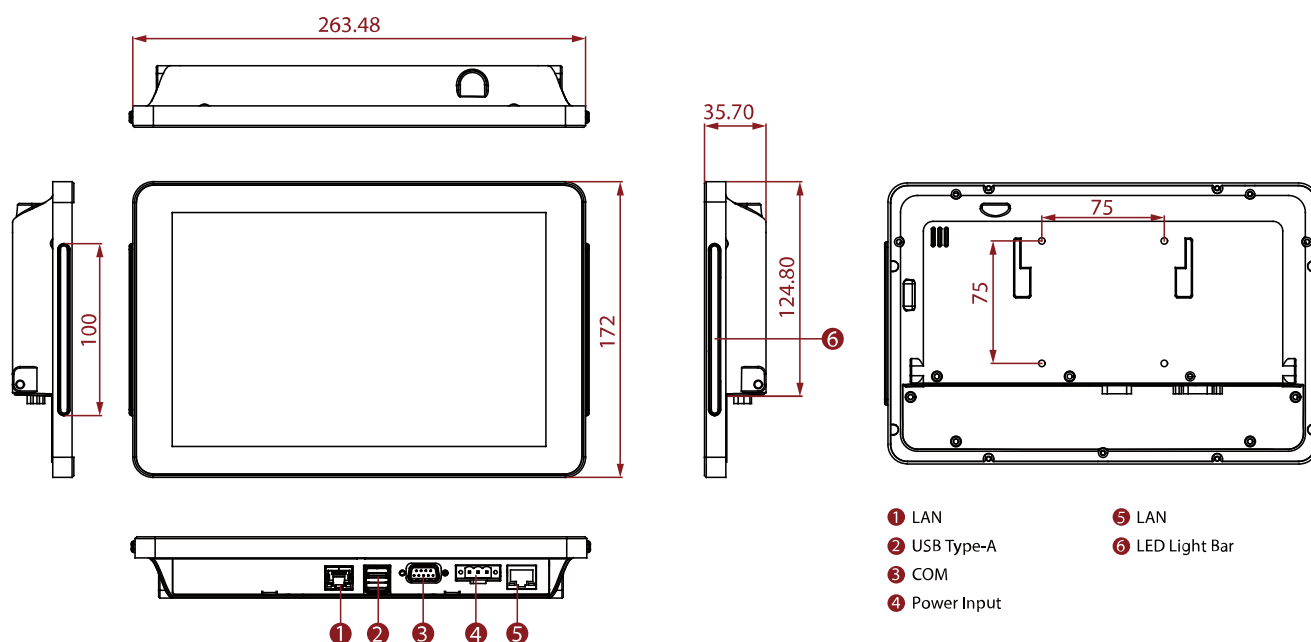
SPECIFICATIONS

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 Pentium N4200 1.1GHz (up to 2.5GHz)	Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x M.2 B-Key 2242 SSD 128GB M.2 B-Key 2242 SSD up to 512GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	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 RGB LED Status Light Bar, on both sides

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	2 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)	Video	1 x Micro HDMI (Optional)

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, 802.3bt, 40W)(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 (Optional) 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

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

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. 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.
6. All specifications are subject to change without prior notice.