

# W10IP3S-PCH2AC-PoE, 10.1-inch S Series HMI

LED Light Bars built on both sides for versatile smart access control scenarios

The S Series W10IP3S-PCH2AC-PoE is an elegantly-designed 10.1-inch panel PC engineered to be the smart access control interface that fits Smart Factory and Smart Building environments. With processing power coming from Intel® Pentium® N4200 Apollo Lake CPU, the device delivers excellent computing performance, yet low power consumption. The support for PoE function allows for the simultaneous transfer of data and electrical power and results in a reduction of installation costs and power consumption. With the LED status light bars built on both sides, the device is suitable for a diverse range of applications including access control systems, conference room management platforms, interactive POS/ kiosk terminals, and many more smart facility control scenarios.



## Highlights

- 10.1" 1280 x 800 PCAP multi-touchscreen
- 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 2MP Front Camera
- Optional HF RFID Reader
- Support PoE function
- Stylish design for room booking, access control and room information applications



# W10IP3S-PCH2AC-PoE, 10.1-inch S Series HMI

LED Light Bar built on the front panel for versatile smart access control scenarios

## Display Specification

Panel Size	10.1" TFT (Wide screen)
Resolutions	1280 x 800
Brightness	350 cd/m (typ.) <sup>1</sup>
Viewing Angle	800:1 (typ.)
Max Colors	-85~85 (H) ; -85~85 (V)
Contrast Ratio	16.7M
Touch screen	Projected Capacitive Multi-Touch (P-CAP)

## System Specification

Processor	Intel® Pentium® Processor N4200 (2M Cache, up to 2.5 GHz)
System Memory	2GB DDR3L 1866 SO-DIMM (Optional 8 GB) <sup>2</sup>
Storage	64GB M.2 SSD (Default)
LAN	Dual Intel® I210-AT GbE LAN
Operating System	Windows 10 IoT Enterprise

## Interface

Serial Port	1 x RS-232/422/485
USB Port	2 x USB 3.0
Ethernet	1 x RJ-45-10/100/1000 Mbps, 1 x RJ-45(PoE)
Speaker	1 x 1 watt speaker
DIDO	1 x GPIO (Optional)

## Data Capture

HF RFID Reader	HF RFID Reader 13.56 MHz (Optional)
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## Camera

Front Camera	2 MP Front Camera (Optional)
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## LED Light Bar

LED Light Bar	RGB LED Status Light Bar
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## Power Management

Power Input	12V DC
Power Over Ethernet	Power Device (PD) follows IEEE 802.3at (25 W)
Power Consumption	19W

## Software

Utility	"HotTab"
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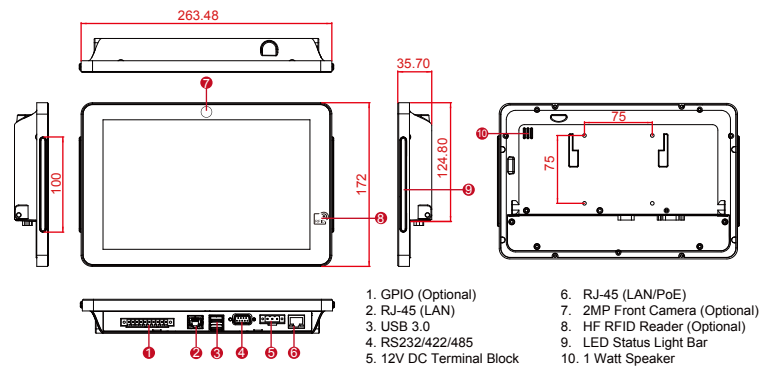
## Mechanical Specifications

Cooling System	Fanless design
Mounting	VESA Mount(75x75mm), Panel Mount, Front Side Wall Mount
Dimensions (W x H x D)	263.48 x 172 x 35.7 (mm) <sup>3</sup>

## Environment

Operating Temperature	0 °C to 50 °C
Operating Humidity	10% to 90% (non-condensing)
IP Rating	Front IP65

## Drawing<sup>4</sup>



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 depending 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.