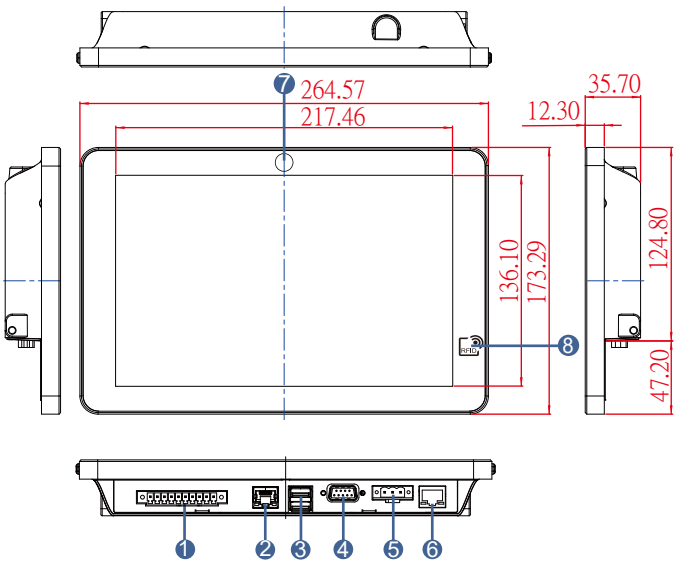
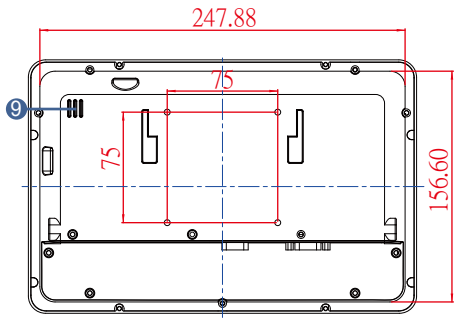
10.1” S-Series HMI - W10IB3S-PCH2-PoE

Features

- 10.1” 1280x 800 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- Low-Power System with Intel® Celeron® N2930 Processor
- Fanless Cooling System and Ultra-low Power Consumption
- Dual Gigabit Ethernet
- Support PoE function
- Front IP65 Water and Dust Proof
- Optional HF RFID Reader
- Optional 2MP Front Camera
- Room Booking Schedule, Access Control, Room Information Display





1. GPIO (Optional)
2. RJ-45 (LAN)
3. USB 2.0/USB 3.0
4. RS232/422/485
5. 12V DC Terminal Block
6. RJ-45 (LAN/PoE)
7. 2MP Front Camera (Optional)
8. HF RFID Reader (Optional)
9. 1 Watt Speaker

Specifications

System :

• Processor	: Intel® Celeron® Bay Trail-M N2930 1.83GHz
• System Chipset	: Intel® ATOM SoC Integrated
• System Memory	: 2GB DDR3L 1600 SODIMM (Optional 8G)
• Storage	: 64GB M.2 SSD
• LAN	: Dual Intel® I210-AT GbE LAN

Input / Output :

• Serial Ports	: 1 x RS232/422/485
• USB Ports	: 1 x USB 3.0 1 x USB 2.0
• Etherne	: 1 x RJ 45-10/100/1000 Mbps (LAN) 1 x RJ 45(PoE)
• Speaker	: 1 x 1 Watt Speaker
• DIDO	: 1 x GPIO (Optional)

Display Spec :

• Size/Type	: 10.1" TFT (Wide screen)
• Resolutions	: 1280x800
• Brightness	: 350cd/m (typ.)
• Contrast Ratio	: 800 : 1 (typ.)
• Viewing Angle	: -85~85(H);-85~85(V)
• Max Colors	: 16.7M
• Touch screen	: Projected Capacitive Multi-Touch (P-CAP) Optional anti-glare

Power Specifications :

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

Mechanical Specification :

• Cooling System	: Fanless design
• Mounting	: VESA Mount(75x75mm), Panel Mount, Front Side Wall Mount
• Dimension (W x H x D)	: 263.28x172 x 35.7 (mm)

Environment Considerations :

• Operating Temperature	: 0 ºC to 50 ºC
• Operating Humidity	: 10% to 90% (non-condensing)
• IP Rating	: Front IP65

OSBSP Driver Support :

• Operating System	: Windows 10 IoT Enterprise : Windows Embedded 8.1 Industrial : Windows Embedded Standard 7

*Windows 8 requires a 1024 x 768 resolution to operate Metro UI

Peripheral :

• HF RFID Reader	: HF RFID Reader 13.56 MHz (Optional)
• Front Camera	: 2 MP Front Camera (Optional)

Software :

• Utility	: “HotTab”

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