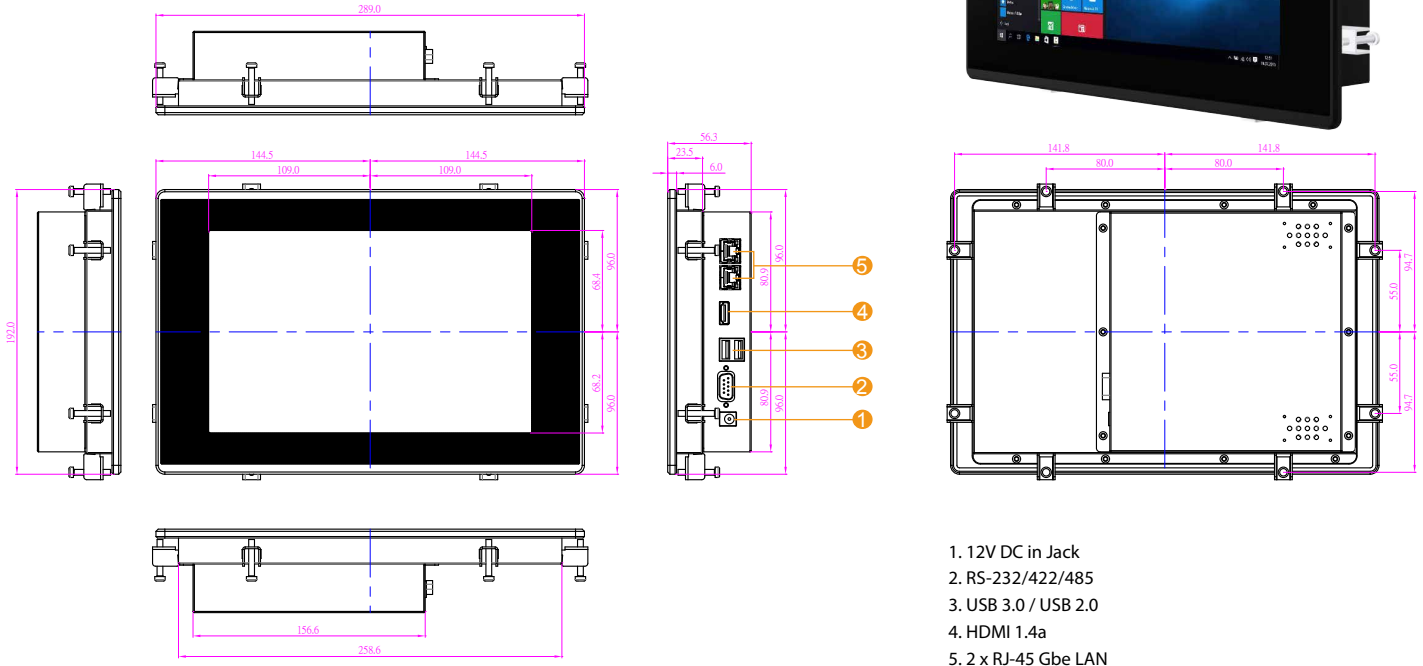


# Winmate E-Series HMI

10.1" E-Series HMI with Bay Trail Platform

W10IB3S-EHH2

- 10.1" 1280 x 800 Resolution
- P-cap Multi-touch screen
- Front IP65 Water and Dust Proof
- Dual Gigabit Ethernet
- Fanless cooling system and Ultra-low power consumption



1. 12V DC in Jack
2. RS-232/422/485
3. USB 3.0 / USB 2.0
4. HDMI 1.4a
5. 2 x RJ-45 Gbe LAN

## Specifications

### System

- Processor : Intel® Celeron® Bay Trail-M N2930 1.83GHz
- System Chipset : Intel® ATOM SoC Integrated
- System Memory : 2GB DDR3L 1066/1333 SO-DIMM (optional 4 GB)
- Storage : 64GB mSATA SSD
- LAN : Dual Intel® I210-AT GbE LAN
- Security : Trusted platform module (TPM 1.2)

### Input / Output :

- USB Ports : 1 x USB 2.0 , 1 x USB 3.0
- COM port : 1 x RS232/422/485
- Ethernet : 2 x RJ45, 10/100/1000
- HDMI : 1 x HDMI 1.4a

### Software Support

- Watchdog SDK

### Power Specifications :

- Power Input : 12V DC in Jack
- Power Consumption : 19W (typ.)

### Display Spec

- Size/Type : 10.1" TFT (Widescreen)
- Resolutions : 1280 x 800
- Brightness : 350 cd/m (typ.)
- Contrast Ratio : 800:1 (typ.)
- Viewing Angle : -85~85 (H); -85~85(V)
- Max Colors : 16.7M (8bit)
- Touch : Projective-Capacitive Touch

### Mechanical Specification

- Cooling System : Fanless design
- Mounting : Mounting clips x 8
- Dimension (WxHxD) : 293.6 x 199.2 x 62.3 (mm)

### Environment Considerations :

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

### OS/BSP Driver Support :

- Operation System : Windows 10 IoT  
Windows Embedded 8.1 Industry  
Windows Embedded 8 Standard  
Windows Embedded Standard 7

