

W10IM3S-EHH2

10.1" ARM A53 E Series HMI Panel PC



KEY FEATURES

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (PCAP)
- ARM A53 Quad Core 2.0GHz CPU
- Fanless cooling system and ultra-low power consumption
- Front IP65 Water and Dust Proof
- Android 11
- Support Android or Linux operating system



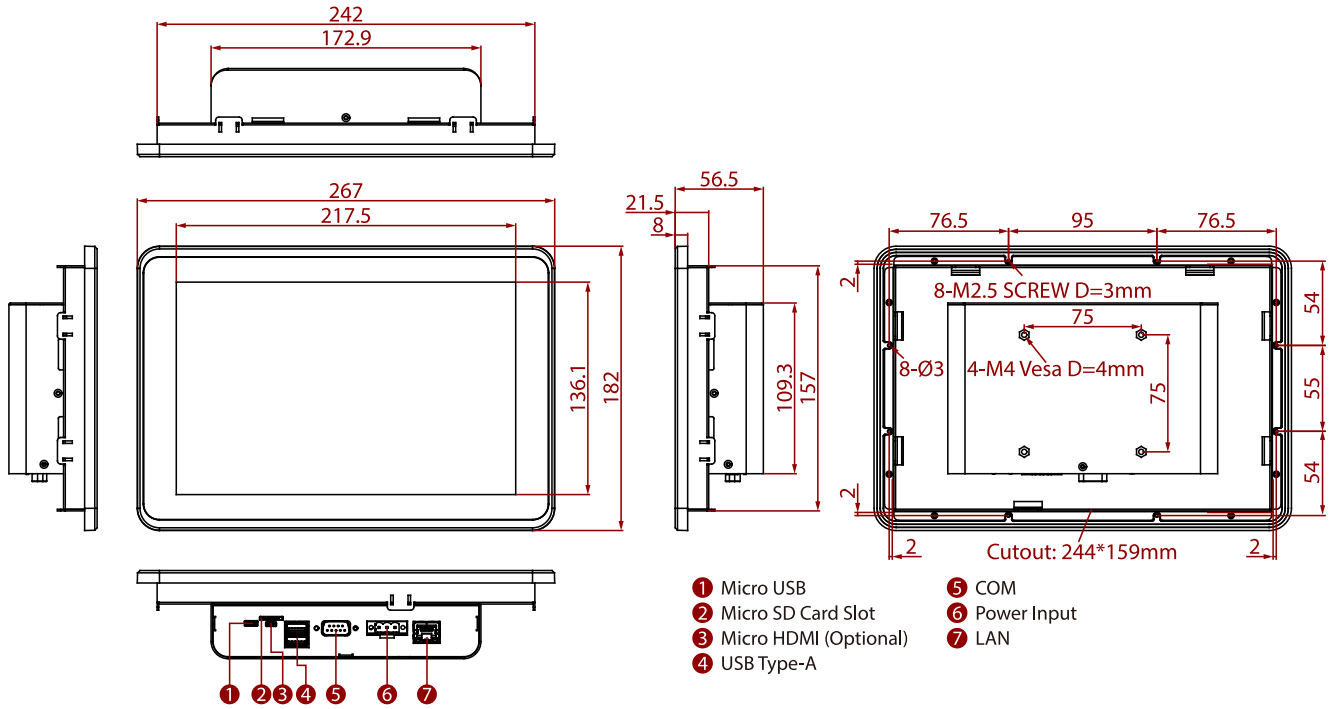
SPECIFICATIONS

| 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 | | | |
| WLAN | Support (Optional) | BT | Support (Optional) |
| Processor | ARM A53 (Quad Core 2.0GHz) | Memory | 4GB LPDDR4 |
| Storage | eMMC: Onboard 32 GB | Operating System | Android 11 (Upgradeable to Android 13) Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu (Optional) |
| Mechanical | | | |
| Dimension | 267 x 182 x 56.5 mm | Weight | 1.5 kg |
| Mounting | Panel Mount VESA Mount | Enclosure | Metal Front Bezel with Plastic Back Cover |
| Cooling System | Fanless design | Cut out | 244x159mm |
| Environment | | | |
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -20°C to 60°C | Shock | MIL-STD-810G Method 516.6 Procedure I |
| Vibration | MIL-STD-810G Method 514.6 Procedure I | IP rating | Front IP65 |
| Certification | | | |
| Certification | CE, FCC | | |
| IO Ports | | | |
| USB Port | 2 x USB 2.0 Type A 1 x Micro USB 2.0 OTG | Serial Port | 1 x RS232/422/485 (Default RS232) |
| SD Card Slot | 1 x Micro SD card slot (Max to 32GB) | Video | 1 x Micro HDMI Output (Optional) |
| Audio | 2 x Speaker (Optional) | LAN | 1 x LAN 10/100/1000 Mbps PoE at/af (Optional) |
| Accessory | | | |
| Accessory | 100~240V AC to DC Adapter | | |

Power Cord
 VESA screws
 Manual
 Mounting clips

| Power | | | |
|---------------------|--|----------------|---------|
| Power Rating | 12V DC with Terminal Block 9~36V (Optional) | Adapter | 12V 50W |

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. 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.
3. All specifications are subject to change without prior notice.