

Winmate M-Series HMI Panel PC

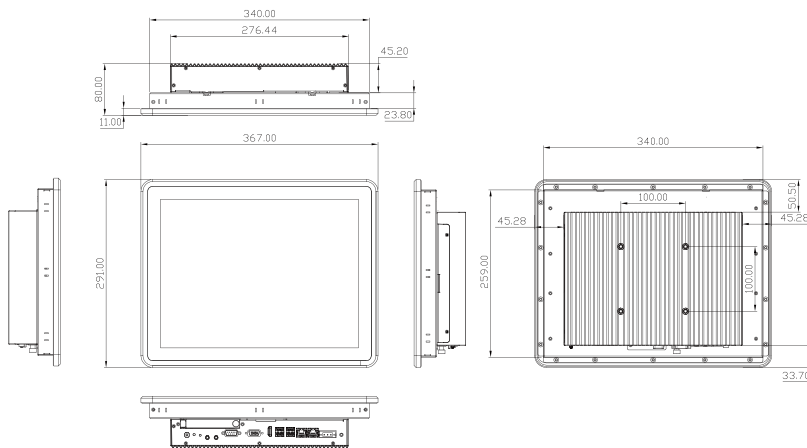
15" M-Series HMI with Intel® Atom™ E3845

R15IBWS-MHC3

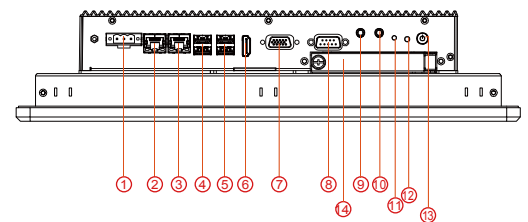


Features:

- Projected Capacitive Multi Touch Screen
- Fanless Design
- Modular Design for easy service in the field
- Support wide range 9-36V isolation DC input
- Quick & Easy Removable 1 Bay 2.5" SSD Slot



Measurements shown in mm
All Dimensions are ± 0.5 mm



- | | |
|--------------------------|-------------------|
| 1. 9-36V isolation DC-in | 8. COM1 |
| 2. LAN | 9. Audio in |
| 3. LAN | 10. Audio out |
| 4. USB 2.0 x 2 | 11. HDD indicator |
| 5. USB 2.0 x 2 | 12. Reset |
| 6. HDMI output | 13. Power Button |
| 7. VGA output | 14. 2.5" SSD Bay |

* Note: this is a simplified drawing and some components are not marked in detail.
Please contact our sales representative if you need further product information.

System Specification

| | |
|-----------------------------|---|
| Processor | : Intel® Atom™ E3845 Processor; 2M Cache up to 1.91 GHz |
| BIOS | : AMI UEFI BIOS |
| System Memory | : SODIMM DDR3L-1600 4GB, option up to 8GB (2 slots) |
| Graphic Chipset | : Intel® HD graphics 4400 |
| Ethernet | : 1000 Base-Tx Gigabit Ethernet Compatible |
| Audio | : Realtek ALC886 codec |
| USB | : 4 x USB 2.0 |
| Serial Port | : 1 x RS232/ 422 / 485 selectable by jumper |
| Main Storage | : Built-in 64G mSATA SSD |
| Second Storage (Optional) | : Removable 2.5" 128G SSD x1 |
| Touch Screen | : Projected Capacitive |
| Operating system (optional) | : Windows Embedded Standard 7 Windows Embedded 8 Standard Windows 10 IoT Enterprise |

Display Specification

| | |
|---------------------|-------------------------|
| Display Size | : 15" |
| Active Display Area | : 304.1 (H) x 228.1 (V) |
| Pixel Pitch | : 0.297(H) x 0.297(V) |
| Display Color | : 262k/16.2M |
| Resolution | : 1024 x 768 |
| Brightness | : 400 nits |
| Contrast Ratio | : 700:1 (Typ.) |
| Viewing Angle | : 80/80/70/70 |

Mechanical Specification

| | |
|-----------|-----------------------------|
| Mouting | : Wall Mount / VESA Mount |
| Dimension | : 367 (L) x 291(W) x 80 (H) |

Power Supply

| | |
|---------------|--|
| Power Input | : 9-36V isolation DC in with protection Fuse |
| Power Adapter | : 110-240AC to 12V DC out 80W power Adapter |

Environmental Specification

| | |
|-----------------------|--|
| Operation Temperature | : 0~ 50°C |
| Operating Humidity | : 30%-95% at 40°C (non-condensing, RH) |
| Water Proof | : Front: IP65; Rear: IP20 / Fanless |

I/O Connectors

| | |
|----------------|--|
| I/O Connectors | : 9-36V isolation DC in x1 (Terminal Block 3pin) |
| | Gigabite LAN x2 |
| | USB2.0 x4 |
| | HDMI Output x1 |
| | D-Sub15 (VGA) Output x1 |
| | RS232/422/485 selectable serial port x1 |
| | Audio in Jack x1 |
| | Audio out Jack x1 |
| | Reset key x1 |
| | Power Button x1 |
| | 2.5" SSD Slot x1 |

Accessories

- Mounting clips & screws
- 12V 80W power adapter
- Power cord
- Driver CD