

Winmate M-Series HMI Panel PC

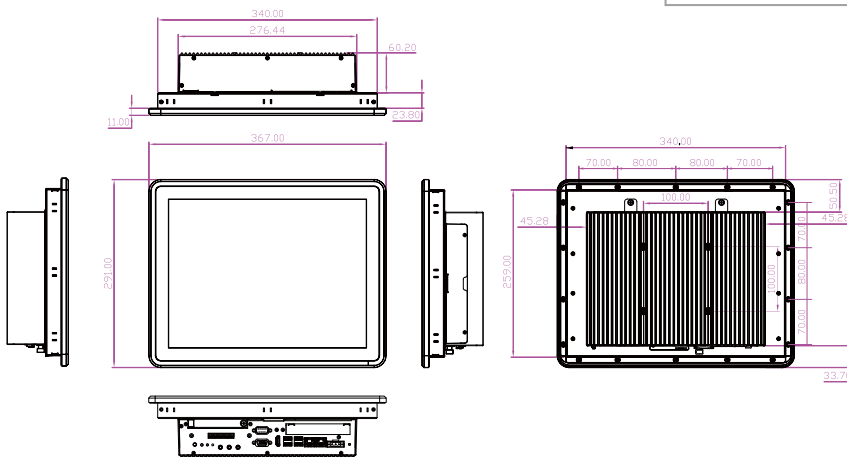
15" M-Series HMI with Intel® Core™ i5-7200U

R15IKWS-MHC3

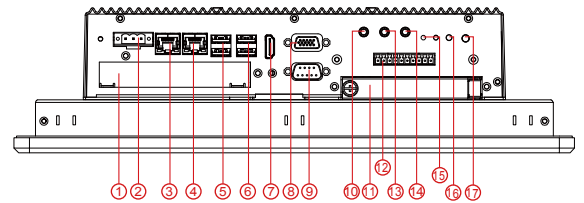


Features:

- Signature true flat display screen with edge-to-edge design
- Aluminum, anti-corrosion treated housing
- Superior Sealing with front IP65 protection against dust and water
- Projected Capacitive P-CAP Multi-Touch Screen
- Fanless Design
- Support wide range 9-29V isolation DC input
- One Quick & Easy Removable 2.5" SSD Bay Slot
- Support PCIe x4 Card



Measurements shown in mm
All Dimensions are ± 0.5 mm



1. PCIe Slot cover for PCIe x4 (1 x Half-Length PCIe card)
2. 9-29V isolation DC-in
3. Giga LAN
4. Giga LAN
5. USB 3.0 x 2
6. USB 3.0 x 2
7. HDMI
8. VGA
9. RS232/422/485
10. Mic in
11. 2.5" SSD Slot x 1
12. 8 x Isolated DIDO (Optional)
13. Line in
14. Line out
15. LED
16. Reset
17. Power Button

* 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® Core i5-7200U Kaby Lake 2.5GHz (turbo to 3.1GHz) |
| BIOS | : Insyde BIOS |
| System Memory | : DDR4-2133 SO-DIMM (Max 16GB) |
| System Chipset | : Intel® SoC Integrated |
| Graphic Chipset | : Intel® HD Graphics 620 |
| Ethernet Compatible | : 1000 Base-Tx Gigabit Ethernet Compatible |
| Audio | : Realtek ALC283 HD Audio Codec |
| Expansion Slot | : PCIe x 4 |
| Main Storage | : 2.5" 64GB SSD (Options up to 512GB) |
| Second Storage(Optional) | : mSATA 64GB (Options up to 512GB) |
| Touch screen | : Projected Capacitive |
| Operating system | : 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 | : 250 nits |
| Contrast Ratio | : 700:1 (Typ.) |
| Viewing Angle | : 80/80/70/70 |

Mechanical Specification

| | |
|-----------|-----------------------------|
| Mounting | : Wall Mount / VESA Mount |
| Dimension | : 367 (L) x 291(W) x 95 (H) |

Power Supply

| | |
|---------------|--|
| Power Input | : 9-29V 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 | : 9-29V isolation DC in x 1 (Terminal Block 3pin) |
| | : Gigabit LAN x 2 |
| | : USB3.0 x 4 |
| | : HDMI Output x 1 |
| | : D-Sub15 (VGA) Output x 1 |
| | : RS232/422/485 selectable serial port x 1 |
| | : Audio in Jack x 1 |
| | : Audio out Jack x 1 |
| | : Reset key x 1 |
| | : Power Button x 1 |
| | : 2.5" SSD indicators x 1 |
| | : Isolated DIDO x 8, 4 In / 4 Out (Optional) |

Accessories

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