

R17ITWS-MHA1-EX

17" Intel® Core™ i5-1135G7 HMI Panel PC



KEY FEATURES

- Intel® 11th Generation Tiger Lake UP3 Core™ i5 CPU HMI Panel PC
- 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 Multi-Touch Screen (PCAP)
- Fanless Design
- Support wide range 9-29 V DC input
- Quick & Easy Removable 2.5" SSD Bay Slot
- Support PCIe x4 Card
- Class 1, Division 2, ATEX Grade zone 2 and IECEx certified for hazardous area applications

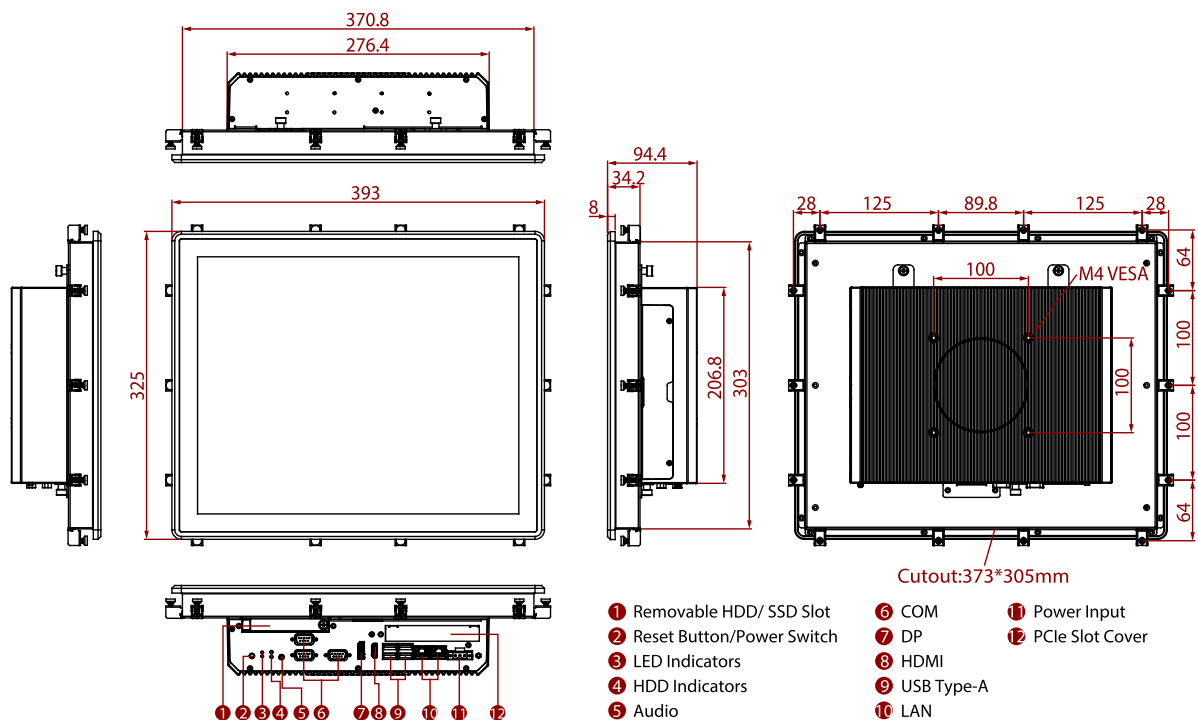


SPECIFICATIONS

| Display | | | |
|----------------------|---|-----------------------|---|
| Resolution | 1280x1024 | Size | 17 inches |
| Contrast Ratio | 1000:1 | Panel Brightness | 350 nits |
| View Angles | 85,85,80,80 | Active Area | 337.920x270.336 mm |
| Touch / Glass | Projected Capacitive Multi Touch Screen | | |
| System Specification | | | |
| WLAN | Support (Optional) | BT | Support (Optional) |
| Expansion Port | Modular Design for easy service in the field | Processor | Intel Core i5-1135G7 2.4GHz (up to 4.2GHz) |
| Memory | 2 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) | Storage | 1 x M.2 2280 NVMe SSD, 128GB up to 512GB 1 x 2.5" Removable 256GB SSD up to 512GB (Optional) |
| Ethernet controller | Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM | Security | Trusted Platform Module (TPM) 2.0 |
| Operating System | Windows 10 IoT Enterprise (64 bit) (Optional) | | |
| Mechanical | | | |
| Dimension | 393 x 325 x 94.4 mm | Mounting | Panel mount VESA Mount |
| Enclosure | Metal Housing | Cooling System | Fanless design |
| Cut out | 373 x 305mm | | |
| Environment | | | |
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | -20°C to 60°C |
| Storage Temperature | -20°C to 60°C | | |
| Certification | | | |
| Certification | CE, FCC Class 1, Division 2, Group A, B, C, D, T5 IECEX Ex ec ic IIC T4 Gc Compliance with ATEX grade zone 2 | | |

| IO Ports | | | |
|--------------|---|----------------|---|
| Power Input | 1 x 9~29V DC, 3-Pin Terminal Block | USB Port | 4 x USB 3.2 Gen.1 (Type-A) |
| Serial Port | 2 x RS232/422/485 (Default RS232) 1 x RS232 | Video | 1 x DP1.4 1 x HDMI 2.0 (Optional) |
| Audio | 1 x Audio Combo Connector (Mic in / Line Out) | Expansion Port | 1 x mPCIe slot 1 x PCIe x16 slot (x4 signal)(module max size:180x121mm) 1 x M.2 2230 Key E slot for WiFi 1 x M.2 2280 Key M slot for NVMe SSD Swappable 2.5" HDD/SSD Bay Slot |
| LAN | 2 x Giga LAN RJ45 Connector | Indicator | 1 x LED Indicator for storage |
| Control | | | |
| Button | 1 x Power Button with LED Indicator 1 x Reset Button | | |
| Accessory | | | |
| Accessory | 100~240V AC to DC Adapter Power Cord Open Wire Cable with terminal block connector Mounting clips VESA screws | | |
| Power | | | |
| Power Rating | 9V~29V DC with protection fuse | Adapter | 12V 120W |
| Consumption | 55W~65W | | |

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.

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