

R19IHAT-66EX

19" Intel® Core™ i5/i7 ATEX Panel PC



KEY FEATURES

- 19" 1000 nits LCD panel PC
- Class 1, Division 2 & ATEX Zone 2 certified for hazardous area applications
- Intel® Haswell Core™ i5-4300U(Optional i7-4650U)
- Fanless design with streamlined enclosure for highly efficient heat dissipation
- Intelligent Heater for working in extreme cold environments -40°C



TD0700KL

SPECIFICATIONS

System Specification

| | | | |
|------------------|---|----------------------------|--|
| Processor | Intel® Core™ i5-4300U (3M Cache, up to 2.90 GHz) Intel® Core™ i7-4650U (4M Cache, up to 3.30 GHz) (Optional) | Memory | 1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional) |
| Storage | 1 x mSATA SSD 64GB mSATA SSD up to 512GB (Optional) 1 x SATA III for 2.5" HDD (Optional) | Ethernet controller | Intel® Ethernet Controller I210-AT+ Intel® Ethernet Connection I218-LM |
| Security | TPM 1.2 | Operating System | Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional) |

Display

| | | | |
|-----------------------|--|-------------------------|---------------------------------|
| Resolution | 1280x1024 | Size | 19.0 inches |
| Contrast Ratio | 1000:1 | Panel Brightness | 350 nits 1000 nits(Optional) |
| View Angles | 85,85,80,80 | Active Area | 376.32x301.06 mm |
| Touch / Glass | Projected Capacitive Multi Touch Screen Bonding With Panel | | |

Mechanical

| | | | |
|------------------|--------------------|-----------------------|---------------------------|
| Dimension | 474 x 410 x 111 mm | Mounting | Panel mount VESA Mount |
| Enclosure | Aluminum Housing | Cooling System | Fanless design |
| Cut out | 462 x 386mm | | |

Environment

| | | | |
|----------------------------|----------------------------|------------------------------|--|
| Operating Humidity | 5% to 95% (non-condensing) | Operating Temperature | -40~70°C (with intelligent heater) |
| Storage Temperature | -40~70°C | Shock | MIL-STD-810G Method 516.6 |
| Vibration | MIL-STD-810G Method 514.6 | IP rating | IP66 Meet Standard IEC60529 (for Non-Hazardous location) IP54 Meet Standard IEC60079 (for Hazardous location) |
| Drop | MIL-STD-810G Method 516.6 | | |

Certification

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|----------------------|--|
| Certification | CE, FCC |
| | UL 60950-1 CSA C22.2 No. 60950-1-07 EN 62368-1 |
| | Class I, Div.2, Groups A,B,C,D T4 -40 <= Tamb <= 70 Meet Standards ANSI/ISA-12.12.01-2013 CSA Std. C22.2 No. 213-M1987 |
| | ATEX II 3G Ex nA ic IIC T4 Gc -40 <= Tamb <= 70 Meet Standards EN 60079-0, EN 60079-11, EN 60079-15 |
| | IECEX Ex nA ic IIC T4 Gc -40 <= Tamb <= 70 Meet Standards IEC 60079-0, IEC 60079-11, IEC 60079-15 |

IO Ports

| | | | |
|--------------------|---|-----------------------|---|
| Power Input | 1 x 9~36V DC, 3-Pin Terminal Block | USB Port | 1 x USB2.0, 4-Pin Terminal Block |
| Serial Port | 1 x RS232/422/485, 10-Pin Terminal Block | Expansion Port | 1 x mPCIe slot(for half size Wifi module) |
| LAN | 1 x LAN, , 8-Pin Terminal Block | Indicator | 1 x LED Indicator for power 1 x LED Indicator for storage 1 x LED Indicator for heater 1 x LED Indicator for LAN 1 x LED Indicator for lock touch |
| Gland | 2 x EX-Type Brass Cable Gland M16 (Cable range 7.5~10.2mm) 3 x EX-Type Brass Cable Gland M12 (Cable range 5.4~8mm) | | |

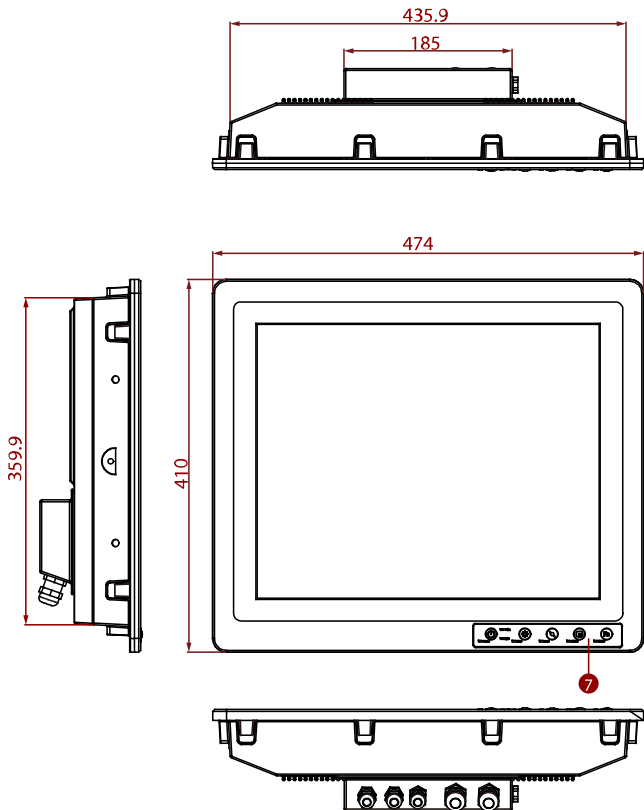
Control

| | |
|---------------|--|
| Button | 1 x Power Button 1 x Brightness up Button 1 x Brightness down Button 1 x Button for locking touch function 1 x Programmable function key |
|---------------|--|

Accessory

| | | | |
|------------------|--|---------------------------|---|
| Accessory | 24V 150W AC to DC Adapter Open wired power cable for M12 cable Gland Open wired LAN/COM cable for M16 cable Gland User's Manual | Optional Accessory | SMA male to female extension cable for M12 cable Gland (Optional) |
|------------------|--|---------------------------|---|

DIMENSIONS UNIT:MM



- ① Audio
- ② USB Type-A
- ③ LAN
- ④ COM
- ⑤ Power Input
- ⑥ SMA
- ⑦ OSD Control Panel

