

# R19IHAT-66EX

## 19" Intel® Core™ i5/i7 ATEX Panel PC



### KEY FEATURES

- 19" 1000 nits LCD ATEX 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			
<b>Processor</b>	Intel® Core™ i5-4300U (3M Cache, up to 2.90 GHz) Intel® Core™ i7-4650U (4M Cache, up to 3.30 GHz) (Optional)	<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Storage</b>	1 x mSATA SSD 64GB mSATA SSD up to 512GB (Optional) 1 x SATA III for 2.5" HDD (Optional)	<b>Ethernet controller</b>	Intel® Ethernet Controller I210-AT+ Intel® Ethernet Connection I218-LM
<b>Security</b>	TPM 1.2	<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Display			
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen Bonding With Panel	<b>Resolution</b>	1280x1024
<b>Size</b>	19 inches	<b>Contrast Ratio</b>	1000:1
<b>Panel Brightness</b>	800 nits 1000 nits(Optional)	<b>View Angles</b>	85,85,80,80
<b>Active Area</b>	376.32x301.06 mm		
Mechanical			
<b>Dimension</b>	474 x 410 x 111 mm	<b>Mounting</b>	Panel mount VESA Mount
<b>Enclosure</b>	Aluminum Housing	<b>Cooling System</b>	Fanless design
<b>Cut out</b>	462 x 386mm		
Environment			
<b>Operating Humidity</b>	5% to 95% (non-condensing)	<b>Operating Temperature</b>	-40~70°C (with intelligent heater)
<b>Storage Temperature</b>	-40~70°C	<b>Shock</b>	MIL-STD-810G Method 516.6
<b>Vibration</b>	MIL-STD-810G Method 514.6	<b>IP rating</b>	IP66 Meet Standard IEC60529 (for Non-Hazardous location) IP54 Meet Standard IEC60079 (for Hazardous location)
Certification			
<b>Certification</b>	CE, FCC		

UL 60950-1  
 CSA C22.2 No. 60950-1-07  
 EN 62368-1

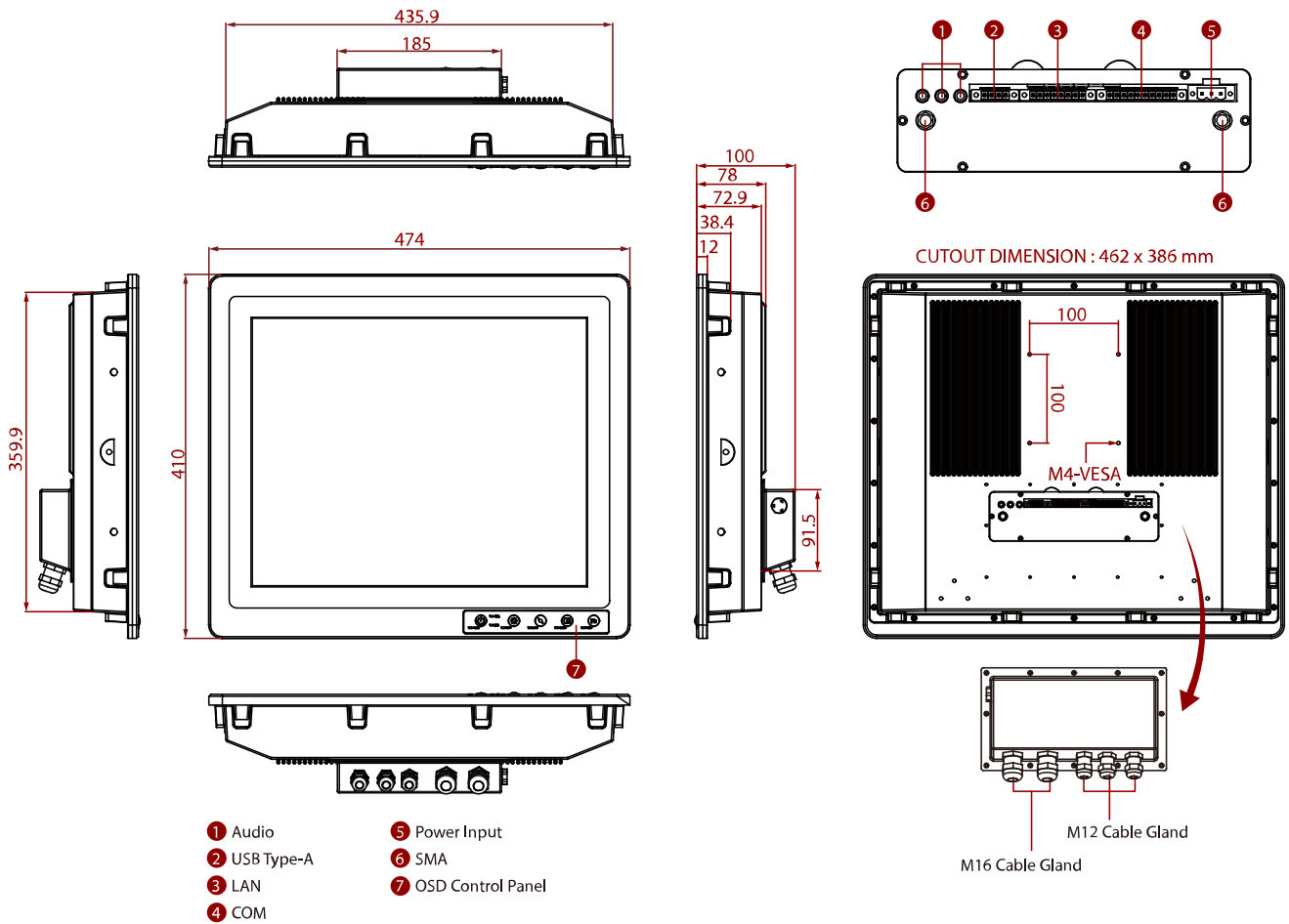
Class I, Div.2, Groups A,B,C,D T4  
 -40 ≤ Tamb ≤ 70  
 Meet Standards  
 ANSI/ISA-12.12.01-2013  
 CSA Std. C22.2 No. 213-M1987

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			
<b>Power Input</b>	1 x 9~36V DC, 3-Pin Terminal Block	<b>USB Port</b>	1 x USB2.0, 4-Pin Terminal Block
<b>Serial Port</b>	1 x RS232/422/485, 10-Pin Terminal Block	<b>Expansion Port</b>	1 x mPCIe slot(for half size Wifi module)
<b>LAN</b>	1 x LAN, , 8-Pin Terminal Block	<b>Indicator</b>	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
<b>Gland</b>	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			
<b>Button</b>	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			
<b>Accessory</b>	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	<b>Optional Accessory</b>	SMA male to female extension cable for M12 cable Gland (Optional)

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. 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.