

R19IHAT-66EX-T 19" ATEX Panel PC with Intel(R) Core(TM) i5-1135G7

Manufacturer part number: R19IHAT-66EX-T | ATEX Grade Panel PC



Explore Winmate R19IHAT-66EX-T, a hazardous-area rugged computer featuring Intel(R) Core(TM) i5-1135G7, 19-inch form factor, ATEX...

System Specification	
Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz) (Default), Intel Core i7-1165G7 2.8GHz (up to 4.70 GHz) (Optional), Intel Core i3-1115G4E 3.0GHz (up to 3.90 GHz) (Optional), Intel Core i5-1145G7E 2.6GHz (up to 4.10 GHz) (Optional), Intel Core i7-1185G7E 2.8GHz (up to 4.40 GHz) (Optional)
Memory	2 x non-ECC SO-DIMM RAM, up to 64GB (32GB per DIMM)
Storage	128GB SSD(Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional), 4TB, 1 x SATA III for 2.5" SSD/HDD (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)
Display	
Touch / Glass	Projected Capacitive Multi Touch Screen Bonding With Panel
Size	19.0 inches
Resolution	1280x1024
Panel Brightness	1000.0 nits
Contrast Ratio	1000:1
View Angles	85,85,80,80
Active Area	376.32x301.06 mm
Mechanical	
Dimension	474 x 410 x 111 mm
Cut out	462 x 386 mm
Weight	9.8 kg
Mounting	Panel mount (Default), VESA mount (Optional)
Enclosure	Aluminum Housing
Cooling System	Fanless Design
Environment	
Operating Humidity	5% to 95% RH, Non-Condensing
Operating Temperature	-40 deg C to 70 deg C (with intelligent heater)
Storage Temperature	-40 deg C to 70 deg C

Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I
IP rating	IP66 Meet Standard IEC60529, (for Non-Hazardous location), IP54 Meet Standard IEC60079, (for Hazardous location)
Certification	
Certification	CE, FCC, , ANSI/UL 62368-1-2019, CAN/CSA-C22.2 No.62368-1-19, EN 62368-1, , Class I, Div.2, Groups A,B,C,D T4, -40 <= Tamb <= 70, Meet Standards, ANSI/UL 121201-2021, CAN/CSA C22.2 No. 213-17, , ATEX II 3G Ex ic IIC T4 Gc, -40 <= Tamb <= 70, Meet Standards, EN 60079-0, EN 60079-7, EN 60079-11, , IECEx Ex ec ic IIC T4 Gc, -40 <= Tamb <= 70, Meet Standards, IEC 60079-0, IEC 60079-7, IEC 60079-11
IO Ports	
USB Port	1 x USB2.0, 4-Pin Terminal Block, 1 x USB 3.2 Gen1x1 (Type A, only used in safe area), 2 x USB2.0 (Type A, only used in safe area)
Serial Port	1 x RS232/422/485, 10-Pin Terminal Block, 1 x DB9 RS232(only used in safe area)
LAN	1 x LAN, , 8-Pin Terminal Block, 1 x RJ45(only used in safe area)
Video	1 x DB15 VGA(only used in safe area)
Expansion Port	1 x M.2 2280 M-Key Slot (for NVME SSD), (SATAIII is only available when M.2 NVMe is not in use), 1 x M.2 2230 E-KeySlot (for Wi-Fi Module)
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)
Power Input	1 x 9~36V DC, 3-Pin Terminal Block
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, Power cord, Open wired power cable for M12 cable Gland, Open wired USB cable for M12 cable Gland, Open wired LAN/COM cable for M16 cable Gland, VESA Mounting Screws, Mounting Clips & Screws, 3 Pins Terminal Block For Power, 8 Pins Terminal Block For LAN, 4 Pins Terminal Block For USB, 10 Pins Terminal Block For COM, Note:All the accessories should use in Non-Ex Environment