

HazLoc Panel PC

(Intel® Haswell Platform)

Flat Touch Panel Mount Panel PC

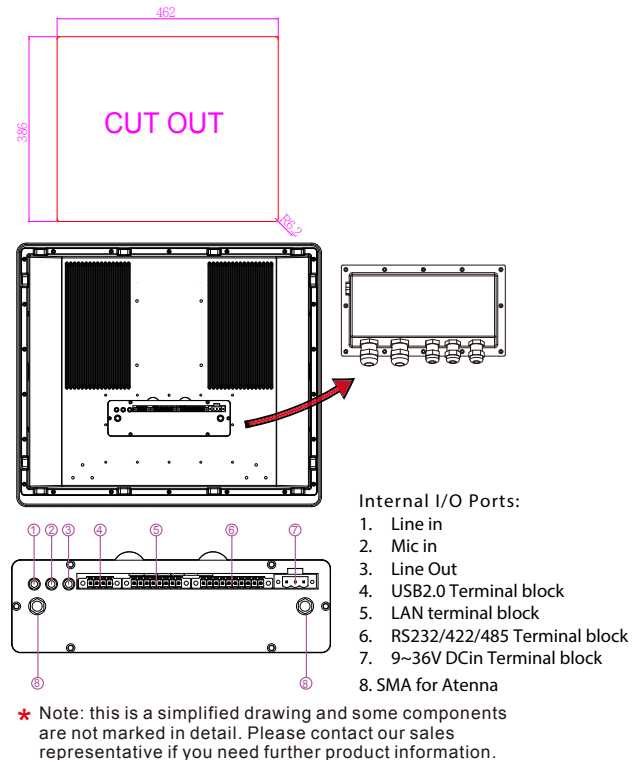
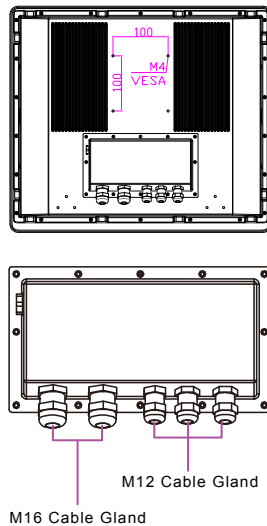
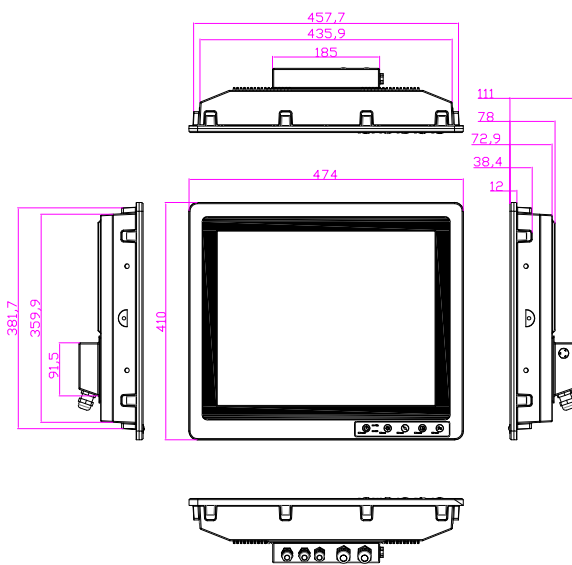
MODEL #: R19IHAT-66EX

Mechanical Design



Features

- Class1, Division2 & ATEX Zone 2 Standalone device certified for hazardous area applications ([Available now](#))
- High performance / low power Intel Haswell Core i7-4650U Processor
- 19-inch 600 nits LCD panel (Optional high brightness sunlight readable 1000nits panel)
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Touch screen control button to enable/disable touch screen interface
- Optical Bonding
- Optional WiFi/Bluetooth module built-in (Antenna supply by customer)



System Specifications

TFT LCD Characteristics

- Resolutions : 1280 x 1024
- Brightness : 600 nits (typ.), Optional 1000 nits
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M
- Touch Screen : Projected Capacitive

System Specifications

- Processor : Intel®Core i7-4650U max. 3.3GHz
- BIOS : AMI BIOS
- System Chipset : Intel®HD graphics 5000
- Memory : 1 x DDR3L SO-DIMM 1600 MHz, 4GB default Max to 8GB
- Storage : mSATA SSD 128GB. Max to 512GB
- Optional 2nd Storage: 2.5" SSD
- Wireless (Optional) : 802.11ac + BT4.0

*Note: Customer needs to purchase ATEX-approved antennas

Operating System (Optional)

- Windows Embedded Standard 7
- Windows 7 PRO for Embedded System
- Windows Embedded 8 Standard
- Windows Embedded 8.1 Industry Pro
- Windows 10 IoT Enterprise

Mechanical Specification

- Cooling System : Fanless design
- Dimension(W x H x D) : 474mm x 410mm x 111mm
- Cutout (W x H) : 462 x 386 mm
- Gross Weight : 13kg
- Net Weight : 13.5kg

Power Specifications

- Power Input : 9~36V DC input (isolation)

Environment Considerations

- Operating Temperature : -40°C to 70°C (with intelligent heater)
- Operating Humidity : 5 to 95%

External I/O

- 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)

Internal Connectors

- 1 x USB 2.0 terminal block
- 1 x LAN terminal block
- 1 x RS232/422/485 terminal block
- 1 x 9~36V DC input terminal block

Note: All Specifications are subject to change without prior notice!



Standards and Certifications

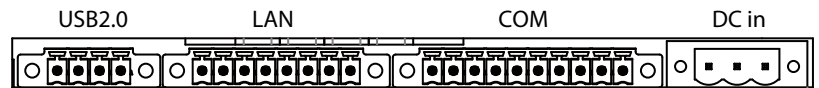
• Ordinary Location Safety	: UL 60950-1 CSA C22.2 No. 60950-1-07 EN 60950-1	• CE, FCC,	
• Hazardous Location Safety	: Class I, Div.2, Groups A,B,C,D T4 -40 <= Tamb <= 70 Meet Standards ANSI/ISA-12.12.01-2013 CSA Std. C22.2 No. 213-M1987	• Shock	: MIL-STD-810G Method 516.6
		• Drop	: MIL-STD-810G Method 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)
	ATEX II 3G Ex nA ic IIC T4 Gc (Available now) -40 <= Tamb <= 70 Meet Standards EN 60079-0, EN 60079-11, EN 60079-15		
	IECEX Ex nA ic IIC T4 Gc (Available now) -40 <= Tamb <= 70 Meet Standards IEC 60079-0, IEC 60079-11, IEC 60079-15		

Accessories: (for testing purpose, Non EX)

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

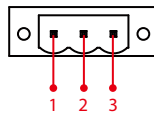
Pin Assignments

The pin assignments of the connectors are as follows:
(Cables are supplied by customer)



Power terminal block

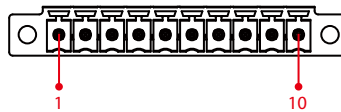
Pin	Signal Name
1	VCC+
2	VCC-
3	GND



*Power wire for VCC should be AMW 1015 18AWG 600V or above.

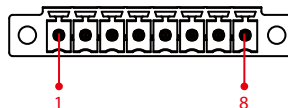
COM Port

Pin	Signal Name	Pin	Signal Name
1	DCD	2	RXD
3	TXD	4	DTR
5	GND	6	DSR
7	RTS	8	CTS
9	RI	10	+V5



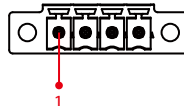
LAN Port

Pin	Signal Name	Pin	Signal Name
1	MDIO3-	2	MDIO3+
3	MDIO2-	4	MDIO2+
5	MDIO1-	6	MDIO1+
7	MDIO0-	8	MDIO0+



USB Port

Pin	Signal Name
1	VCC
2	D-
3	D+
4	GND



Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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PRŮMYSLOVÉ POČÍTAČE

fanless embedded PC, do racku, ...



POČÍTAČE S DISPLEJEM

panelové PC, terminály, do vozidel, ...



AUTOMATIZACE A SBĚR DAT

převodníky, karty, moduly, switche, ...



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NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



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eshop.autocont-ipc.cz



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Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.