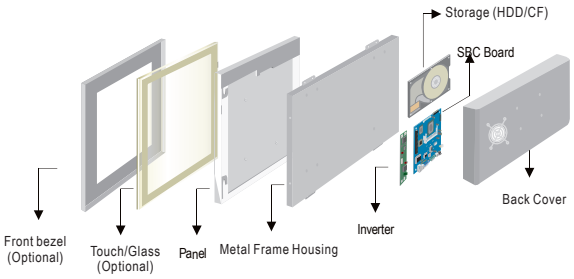
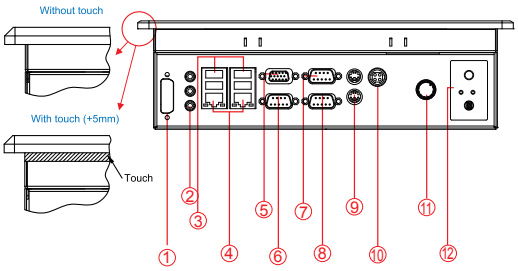
R10IV7T-PMT2 10.4" Panel PC(Intel®3rd Generation Core™ i7 / i5 / i3)

Mechanical Design

Panel Mount (6 mm front bezel)



Mechanical design

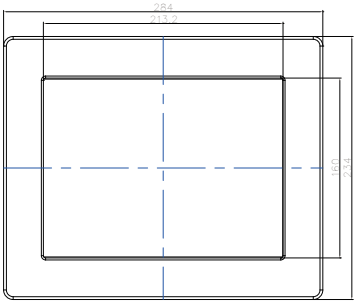


1. DVI (Optional)
2. Audio jack
3. USB
4. RJ-45
5. VGA Out
6. RS-232 Conn.
7. RS-232 Conn.
8. RS-232 Conn.
9. PS/2
10. DC-IN Power Jack
11. Brightness Adjustment Knob
12. Power / Reset

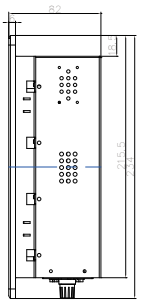
Fully Integrated I/O

Dimensions

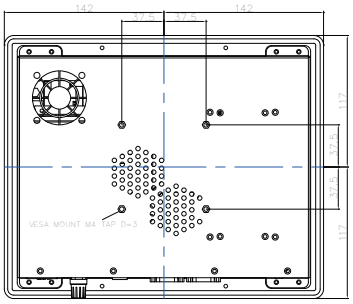
FRONT VIEW



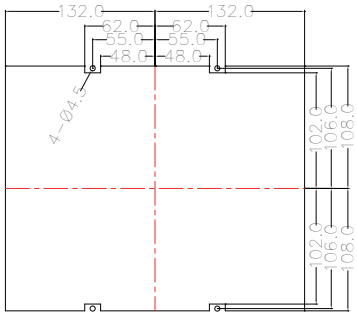
SIDE VIEW



BACK VIEW

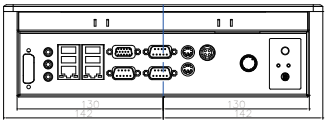


CUT OUT



1:2

BOTTOM VIEW



- Total dimension: 284 x 234 x 82 mm
- Cutout dimension: 261 x 202 mm
- Measurements shown in mm
- All Dimensions are ± 0.5 mm
- Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

Specifications

System :

• CPU	: Intel® 3rd Generation Core™ i7/i5/i3
• Memory	: 2 x SO-DIMM, Max 16GB DDR3L 1333/1600
• System Chipset	: Intel® HM76 Chipset
• Storage	: 1 x SATAIII, 1 x SATAII, 1 x mSATA
• LAN	: Dual Broadcom BCM57780 GbE
• Audio Codec	: Realtek ALC886 HD Audio Codec

Panel Spec :

• Size/Type	:	10.4" TFT
• Resolutions	:	1024 x 768
• Brightness	:	350 cd/m2 (typ.)
• Contrast Ratio	:	1200 : 1(typ.)
• Viewing Angles	:	-88~88(H);-88~88(V)
• Max Colors	:	16.2M Colors

Input / Output :

• Serial Ports	: 2 x RS232, 1 x RS232/422/485
• USB Ports	: 4 x USB 3.0
• Keyboard / Mouse	: 2 x PS/2
• Ethernet	: 2 x RJ 45-10/100/1000 Mbps
• VGA	: 1 x VGA (female)
• Audio	: Line-Out, Line-In, Mic in

● Default setting:RS232

Environment Considerations :

• Operating Temperature	:	0 deg.C to 50 deg.C
• Operating Humidity	:	30% to 90% (non condensing)

Expansion Slot :

- 1 x PCI-E(x16), 2 x Mini PCI-E

OS BSP / Driver Support :

- Support Windows 10 IoT Enterprise / Windows 8 Embedded / Windows 7 Embedded / Windows XP Embbeded

Power Specifications :

• Power Input	:	12V DC IN
• Power Consumption	:	87W(typ.)(Max.backlight & high CPU load)

Order Options :

Mechanical	: Panel Mount	CPU	: Check with Sales
Touch	: 5-Wires Resistive(Optional)	Storage	: 2.5" HDD/SSD/CF
		RAM	: SODIMM DDR3L 1600
		OS	: Windows 10 IoT Enterprise
			Windows 8 Embedded
			Windows 7 Embedded
Anti-Reflective Protective Glass (A customized housing is needed if you have demands of SAW/IR/IT/SC touch)			Windows XP Embedded

Accessories :

- External Power Supply 110~240V AC-in power adapter

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CE FC RoHS COMPLIANT 2011/65/EU

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

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