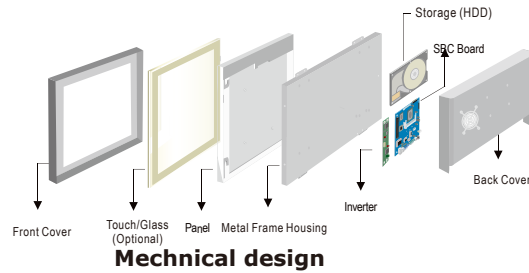


R10IV7T-CHT2 10.4" Panel PC (Intel® 3rd Generation Core™ i7 / i5 / i3)

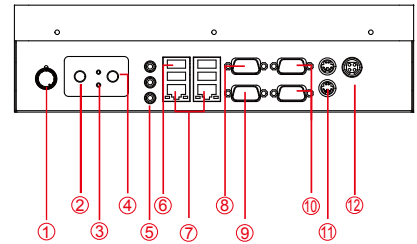
Mechanical Design



Chassis



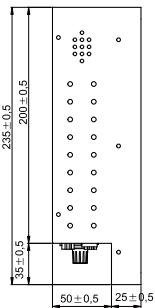
Mechanical design



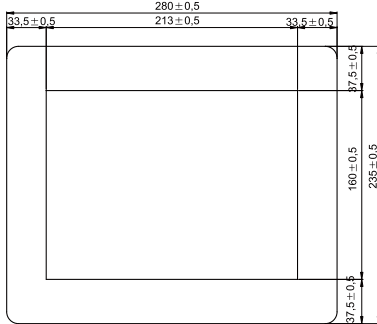
- | | |
|-------------------------------|-------------------------|
| 1. Brightness Adjustment Knob | 7. RJ-45 |
| 2. Power On Button | 8. VGA Out |
| 3. Power / HDD LED | 9. RS-232/422/485 Conn. |
| 4. Power Reset Button | 10. RS-232 Conn. |
| 5. Audio Jack | 11. PS/2 |
| 6. USB | 12. 12V DC IN |

Dimensions

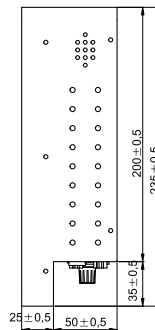
SIDE VIEW



FRONT VIEW

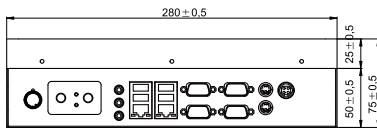
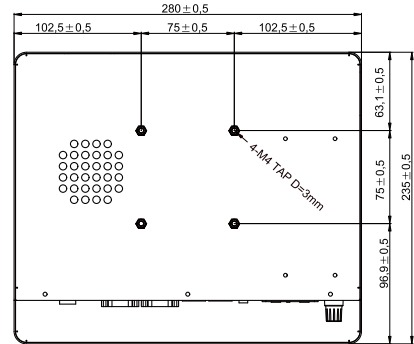


SIDE VIEW



Fully Integrated I/O

BACK VIEW



BOTTOM VIEW

* 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 50deg.C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP / Driver Support :

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

Expansion Slot :

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

Power Specifications :

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

Accessories :

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

Order Options :

Mechanical : Chassis	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
	Windows XP Embedded

Anti-Reflective Protective Glass
 (A customized housing is needed if you have demands of SAW/IR/IT/SC touch)



SCIGATE AUTOMATION (S) PTE LTD
 No.1 Bukit Batok Street 22 #01-01 Singapore 659592
 Tel: (65) 6561 0488 Fax: (65) 6562 0588
 Email: sales@scigate.com.sg Web: www.scigate.com.sg
 Business Hours: Monday - Friday 8.30am - 6.15pm



date: 06/17/2016 V1.3

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