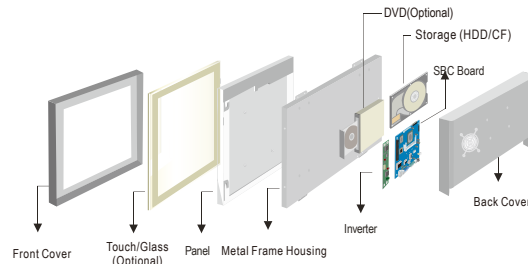


R10IV7T-CHT2 10.4" Panel PC (Intel® 3rd Generation Core™ i7 / i5)

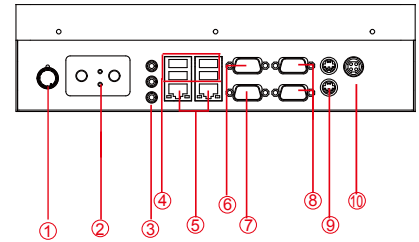
Mechanical Design



Chassis



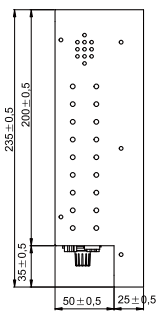
Mechanical design



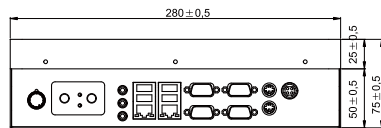
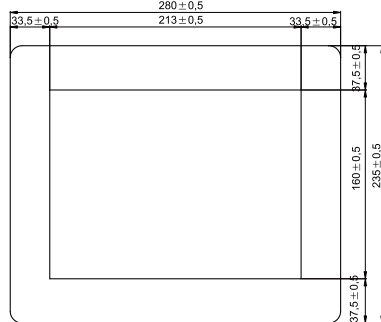
1. Brightness Adjustment Knob
2. OSD Membrane
3. Audio Jack
4. USB
5. RJ-45
6. VGA Out
7. RS-232/422/485
8. RS-232 Conn.
9. PS/2
10. 12V DC

Fully Integrated I/O

SIDE VIEW



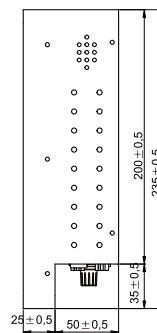
FRONT VIEW



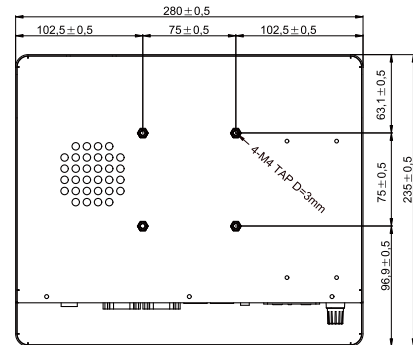
BOTTOM VIEW

Dimensions

SIDE VIEW



BACK 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 Specifications :

- CPU : Intel® 3rd Generation Core™i7-3520M 2.9GHz, turbo to 3.6GHz
Intel® 3rd Generation Core™i5-3230M 2.6GHz, turbo to 3.2GHz
- System Chipset : Intel HM76 Chipset
- Memory : 2 x DDR3L 1333/1600MHz SO-DIMM, max. 16GB
- Audio Codec : Realtek ALC886 HD Audio Codec
- LAN : Dual Broadcom BCM57780 PCIe GbE LAN Controller
- Storage : 1 x SATA III, 1 x SATA II

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

Expansion Slot :

2 x Mini PCIe (1 for WiFi, 1 for WWAN Module), 1xPCIe x16, 1xPCIe x4

* A customized housing is needed if you would like to have the PCIe expansion.

Power Management :

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

Accessories :

- External Adapter : 110~240V Ac-in Power Adapter

Display Specifications :

- Size/Type : 10.4" TFT
- Resolution : 1024 x 768
- Contrast Ratio : 1000 : 1
- Brightness : 350 nits
- Viewing Angle : -88~88(H); -88~88(V)
- Max Colors : 16.2M

Environment :

- Operating Temperature : 0°C to 50°C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP / Driver Support :

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

Order Options :

Mechanical : Chassis	Storage : 2.5"HDD/2.5" SSD/ mSATA SSD
Touch : 5 Wire Resistive (Optional) AR Glass(Optional)	RAM : DDR3L 1333/1600MHz SO-DIMM, max. 16GB
	OS : Windows 10 IoT Enterprise Windows 8 Embedded Windows 7 Embedded

(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)

