

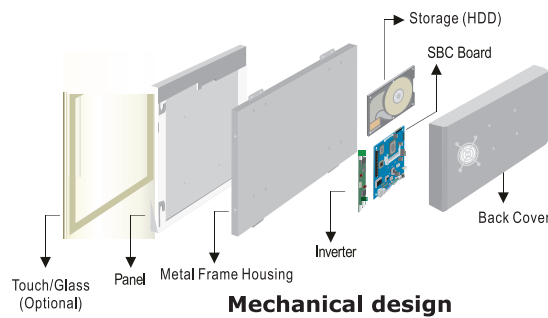
W19IH7T-IPM3

Wide 19" Panel PC (Intel® 4th Generation Core™ i5 Platform)

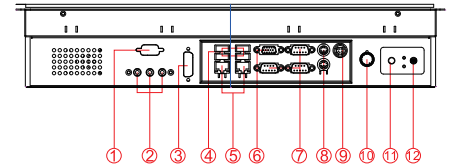
Mechanical Design



IP65
(8mm front bezel)



Mechanical design



1. RS-232 Conn. (Optional)
2. Audio Jack
3. DVI (Optional)
4. USB (1 X 3.0, 2 X 2.0)
5. LAN
6. VGA
7. RS-232 Conn.
8. PS/2
9. 12V DC IN
10. Brightness Adjustment Knob
11. Power On Button
12. Power Reset Button

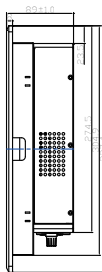
Dimensions

Fully Integrated I/O

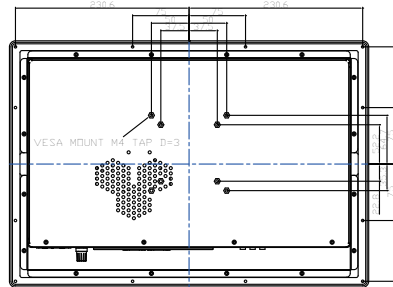
FRONT VIEW



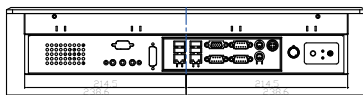
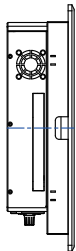
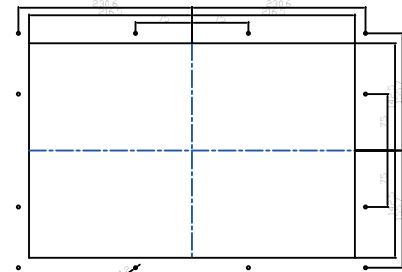
SIDE VIEW



BACK VIEW



CUT OUT



BOTTOM VIEW

- * Measurements shown in mm
- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 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® 4th Generation Core™ i5-4200M 2.5GHz (Max. 3.1GHz) Processor
- Memory Slot : 2 x SO-DIMM, Max 16GB DDR3L 1333/1600
- System Chipset : Intel® QM87 Chipset
- IDE/SATA : 2XSATA III
- LAN : Intel® Ethernet Controller I211-AT + Intel® Gigabit Ethernet PHY I218-LM
- Audio Codec : Realtek ALC886 HD Audio Codec

Input / Output :

- Serial Ports : 1 x RS-232, 1 x RS-232/422/485
- USB Ports : 4 x USB 3.0
- Ethernet : 2 x RJ45-10/100/1000 Mbps
- HDMI : 1 x HDMI
- Power : 1 x DC-in Power Jack(+12V)

Expansion Slot :

- 2 x Mini PCIe (1 for WiFi, 1 for SATA SSD)

Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 76W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Panel Spec

- Size/Type : 19" Wide (16:10)
- Resolutions : 1440 x 900
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M (8 bits/colors)

Environment Considerations :

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

OS BSP / Driver Support :

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

Order Options :

Mechanical : IP65 (8mm bezel)	Storage : 2.5" HDD/mSATA SSD
Touch : 5 Wires Resistive(Optional)	RAM : DDR3L 1333/1600 MAX 16GB
(A customized housing is needed if you have demands of SAW/IR/SC touch)	OS : Windows 7 / Windows 8 embedded / Windows 10 IoT Enterprise



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: 29-Jul-2016 V1.4

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