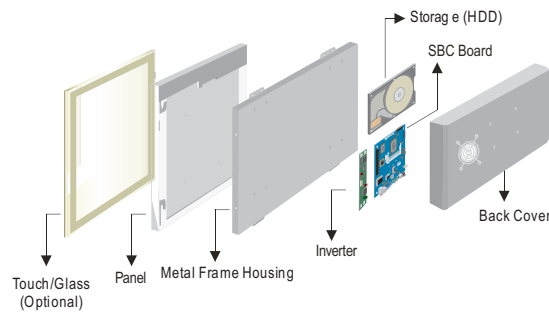


# R19IC7T-OFA1 19" Panel PC (Intel® Core™ i7-620M/i5-520M)

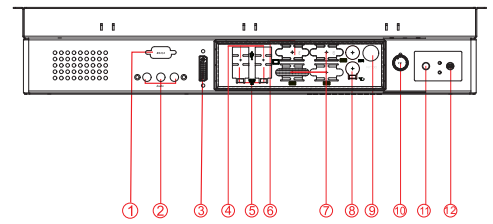
Mechanical Design



Open Frame

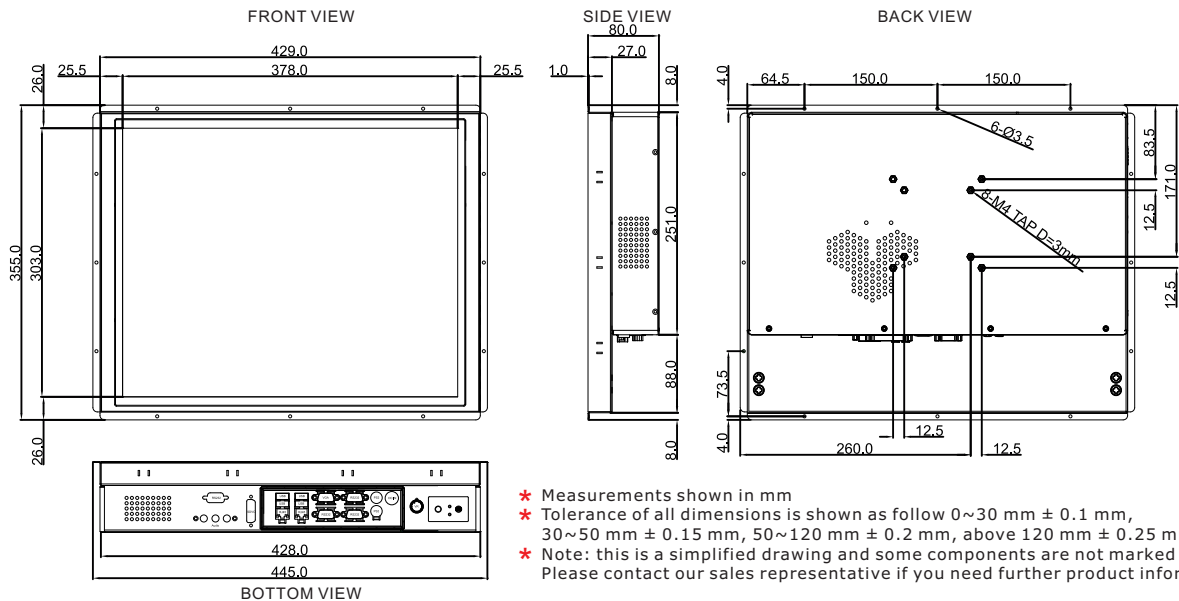


Mechanical design  
Dimensions



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

Fully Integrated I/O



- \* 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® Core™ i7-620M/i5-520M Processor (2.66GHz / 2.4GHz)
- Memory : 2 x SO-DIMM, Max 8GB DDR3 1066/800
- System Chipset : Intel® HM55 Chipset
- Storage : 2 x SATA II
- LAN : Dual Broadcom BCM57780 GbE
- Audio Codec : Realtek ALC886 HD Audio Codec

### Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M (8 bits/colors)

### Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
  - USB Ports : 4 x USB
  - 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 7 / Windows XP Embedded / Windows XPP Embedded / Linux 2.6

### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 124W (typ.)(Max.backlight & high CPU load)

### Order Options :

Mechanical : Open Frame	Storage : <b>3.5" HDD</b>
Panel Mount (8 mm bezel)	RAM : SO-DIMM DDR3 1066/800
IP65 (8 mm bezel)	OS : Windows XPE (Optional)
Touch : 5 Wires Resistive(Optional)	Windows XPPE (Optional)
	Windows 7(Optional)
	Linux (Optional)
	DVD : Yes(Optional)

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

### Accessories :

- External Adapter : 110~230V Ac-in power adapter

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

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**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



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