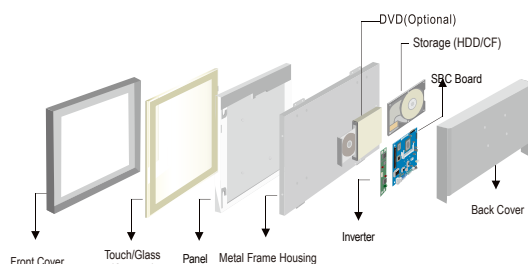


R19IB7T-CHA1 19" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

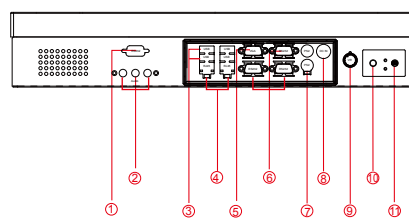
Mechanical Design



Chassis

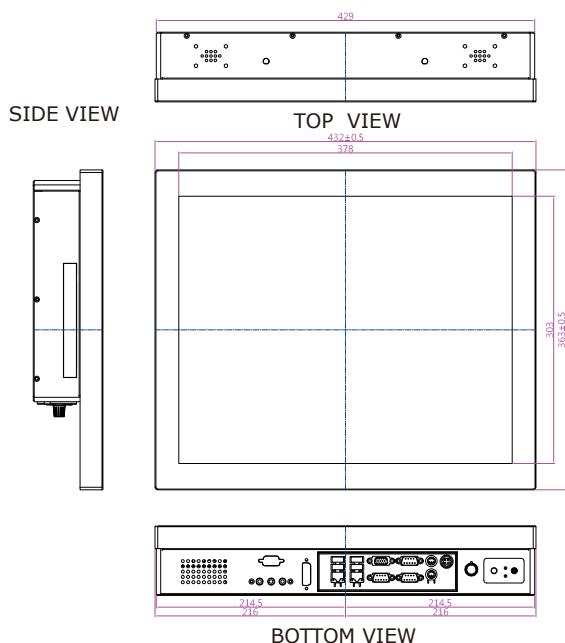


Mechanical design



1. RS-232 Conn. (Optional)
2. Audio Jack
3. USB(1 x 3.0, 3 x 2.0)
4. RJ-45
5. VGA
6. RS-232 Conn.
7. PS/2
8. 12V DC-IN
9. Brightness Adjustment Knob
10. Power On Button
11. Power Reset Button

Fully Integrated I/O



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 :

- CPU : Intel® Celeron® Bay Trial-M N2930 1.83GHz
- Memory Slot : SODIMM DDR3L 1600/1333max. 8G
- System Chipset : Intel® Atom SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel® I210-AT GbE LAN x 2
- Audio Codec : Realtek ALC886 HD Audio Codec

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
 - USB Ports : 1 x USB 3.0, 3 x USB 2.0
 - Keyboard / Mouse : 2 x PS/2
 - Ethernet : 2 x RJ45-10/100/1000 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 3G Module)
- 1 x eDP by 2x10 DF-13 connector

Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 57W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m²(typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M (8bits/colors))

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 embedded 8 / Windows embedded 7

Security Support :

- Trusted Platform Module (TPM 1.2)

Order Options :

- | | |
|--------------------------------------|---|
| Mechanical : Chassis | Storage : 2.5" HDD / mSATA SSD |
| Touch : 5-Wires Resistive (Optional) | RAM : SODIMM DDR3L 1600/1333max. 8G |
| AR Glass(Optional) | OS : Windows 10 IoT Enterprise / Windows 7 embedded / Windows 8 embedded (Optional) |

(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



Revised date: 13-Jul-2017 V1.2

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