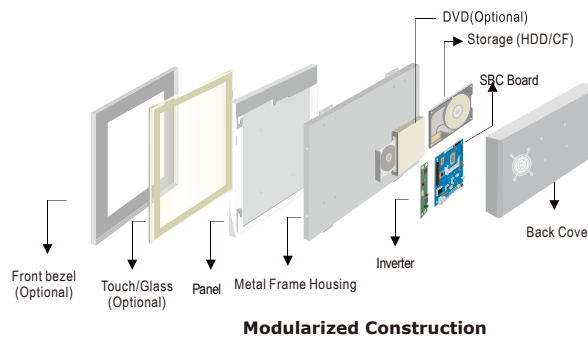


R19IB7T-RKM1 (Intel® Celeron® Bay Trail-M N2930, 1.83 GHz)

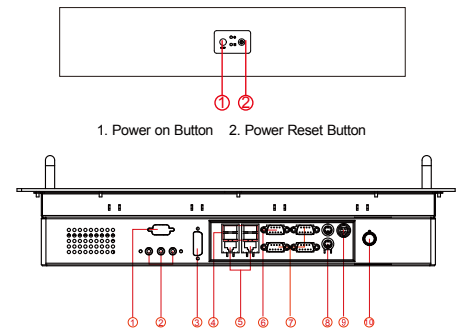
Mechanical Design



Rack Mount



Modularized Construction



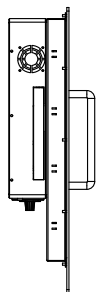
1. Power on Button 2. Power Reset Button

1. RS-232 Conn. (Optional)
2. Audio Jack
3. DVI (Optional)
4. USB
5. LAN
6. VGA Out
7. RS-232 Conn.
8. PS/2
9. DC 12V
10. Brightness Adjustment Knob

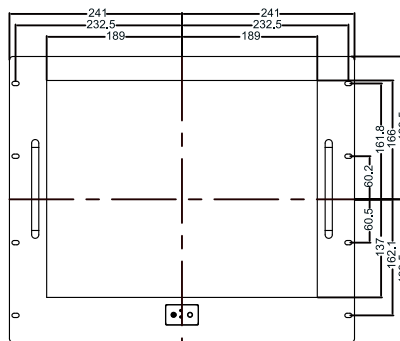
Fully Integrated I/O

Dimensions

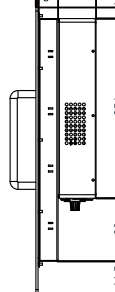
SIDE VIEW



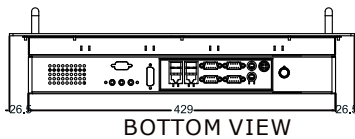
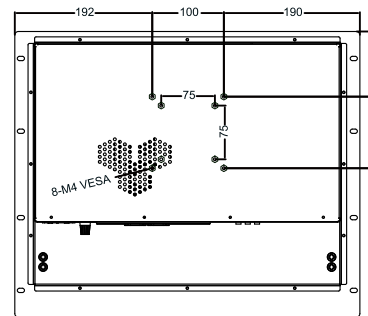
FRONT VIEW



SIDE VIEW



BACK VIEW



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:

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

Panel Spec

- Size/Type : 19" TFT
- Resolutions : 1280x1024
- Brightness : 250cd/m (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angle : -85~85(H); -80~80(V)
- Max. Colors : 16.7M (8bits/colors)

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: RS232

Environment Considerations

- Operating Temperature : 0°C to 45°C
- Operating Humidity : 30% to 90% (non-condensing)

Expansion Slot :

- Mini PCIe : 2 x Mini PCIe (1 for WiFi, 1 for 3G Module)
- eDP : 1 x eDP by 2 x 10 DF-13 connector

OS BSP / Driver Support :

- OS : Windows 10 IoT Enterprise
Windows 7 Embedded
Windows 8 Embedded

Power Specifications :

- Power Input : 12V DC (Lockable Power Jack)

Order Options :

- Mechanical : Open Frame
Panel Mount(8mm bezel)
IP65(8mm bezel)
Chassis
- Touch : 5 Wires Resistive (Optional)
- Storage : 2.5" HDD/2.5"SSD/mSATA
- RAM : SODIMM DDR3L
1600/1333, max.8GB
- OS : Windows 10 IoT Enterprise
Windows 7 Embedded
Windows 8 Embedded
(Optional)

Accesso

- External Adapter : 110~240V AC

