

21.5" Fanless Full IP65/NEMA4 Panel PC (Intel® Celeron Bay Trail-M N2930 1.83GHz)

MODEL #: W22IB3S-65A3

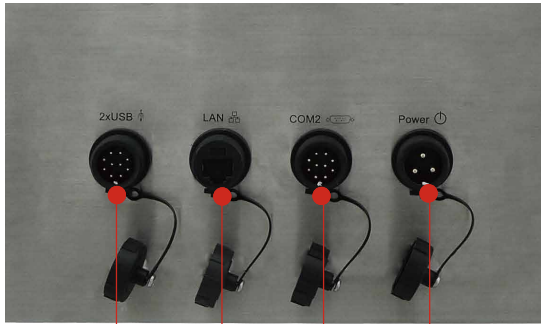
Mechanical Design



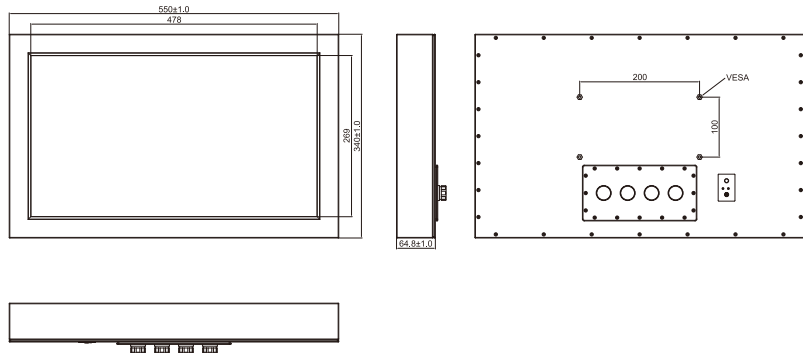
Features:

- Intel® Celeron Bay Trail-M N2930 1.83GHz Processor
- Fanless Design
- Full IP65 dust/water resistant
- Stainless Housing with Anti-Corrosion Treatment
- Optical Bonding with Anti-moisture Treatment (Optional)
- 5 Wire Resistive Touch/ Anti-Reflection Protection Glass (Optional)

IP65 connector / cable



2 x USB LAN COM2 Power



* 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.

System Specifications

TFT Characteristics

- Resolutions : 1920 x 1080
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M

SBC Specifications :

- Processor : Intel® Celeron Bay Trail-M N2930 1.83GHz
- BIOS : AMI 16Mbit Flash
- System Chipset : Intel® Atom SoC Integrate
- Memory Slot : 1 x SO-DIMM, Default 4GB, Max 8GB DDR3L 1600
- Storage : Default 64GB
- Graphic Chipset : Integrated HD Graphics
- Ethernet : 2 x RJ45 Gigabit LAN (1 x RJ45 internal)
- Audio : Built in ALC886 HD Audio Codec
- USB : 6 x USB2.0 (4 x USB internal)
- Serial : 4 x RS232 (3 x RS232 internal)
- Expansion Slot : 1 x Mini PCIe (Internal)
- SSD Interface : 1 x Mini PCIe SSD
- Power Input : DC-IN (Lockable, Power Jack)
- Certification : CE, FCC, RoHs
- Security : Trusted Platform Module (TPM 1.2)

* A customized housing is needed if you would like to have more I/O connectors.

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 56W (typ.) (Max. backlight & high CPU load)

Accessories :

- External Power Supply 80W w/power cord

Environment Considerations :

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

Input/ Output Connectors :

- Ethernet LAN : 1 X RJ45-10/100/1000 Mbps
- COM : 1 X RS232
- USB : 2 x USB
- Power : 1 X 12VDC

Order Options :

SBC	PANEL PC
RAM : SODIMM DDR3L Max. 8GB Storage : 2.5" HDD/ Mini Pcle SSD	Mechanical : Stainless Chassis Touch : 5 Wires Resistive or AR Glass OS : Windows 10 IoT Enterprise Windows Embedded 8.1 Industry Pro Windows Embedded 8 Standard Windows Embedded 7 Standard

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

Revised Date: 13-Dec-2016 V1.5

