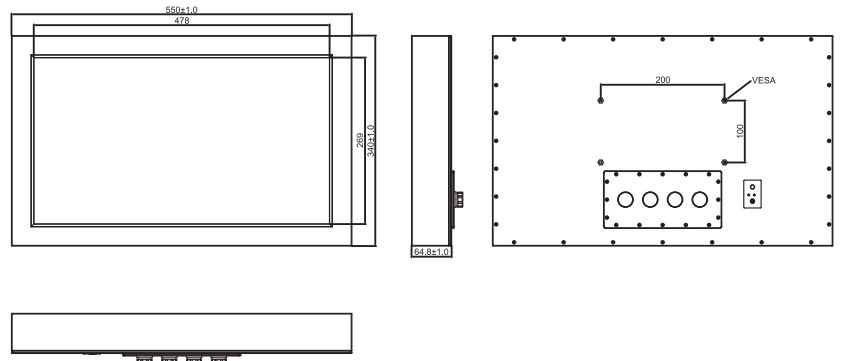


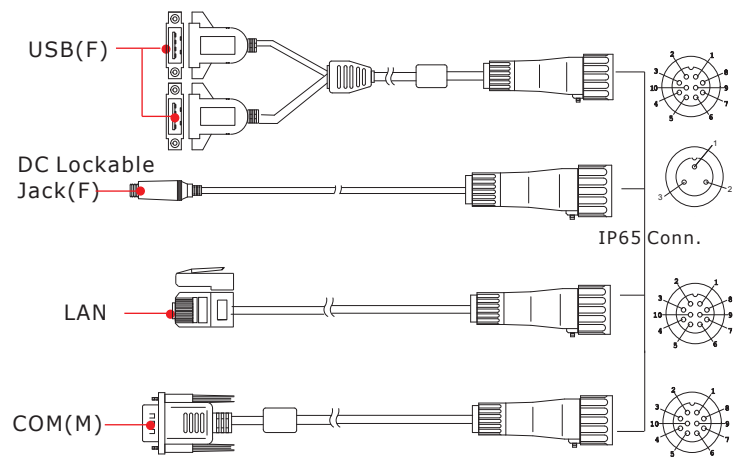
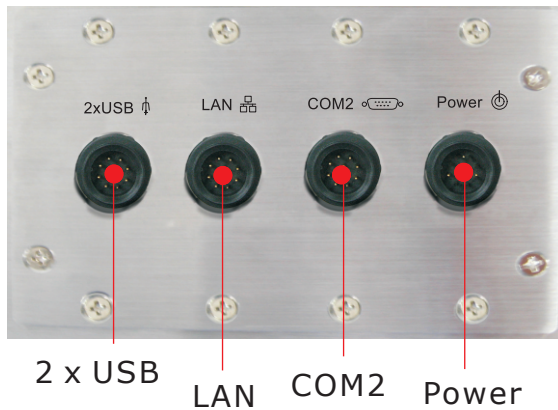
# 21.5" Fanless Full IP65/NEMA4X Panel PC (Intel® Celeron Bay Trail-M N2930 1.83GHz)

MODEL #: W22IB3S-65A3

Mechanical Design



## IP65 connector / cable



\* 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/m<sup>2</sup> (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, Max 8GB DDR3L 1066
- 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

\* A customized housing is needed if you would like to have the PCI expansion.

#### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 72W (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 8G	Mechanical : Stainless Chassis
Storage : 2.5" HDD/ Mini Pcle SSD	Touch : 5 Wires Resistive or AR Glass
	OS : Windows 7 embedded / Windows 8 embedded (Optional)



Rev.	Reasons	Revised Date
1.0	Spec change	May-05-27

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

Revised Date:05/27/2014