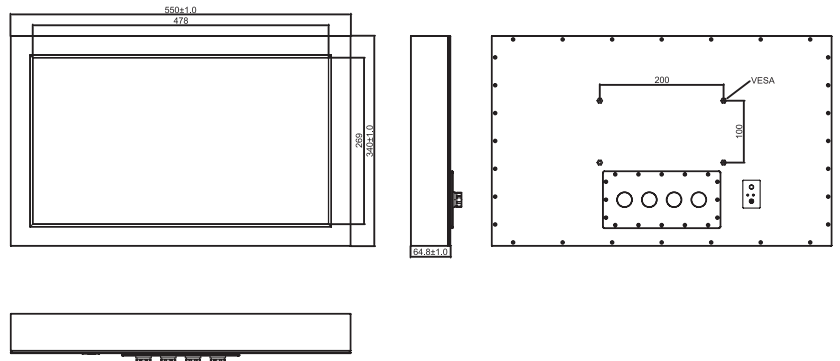


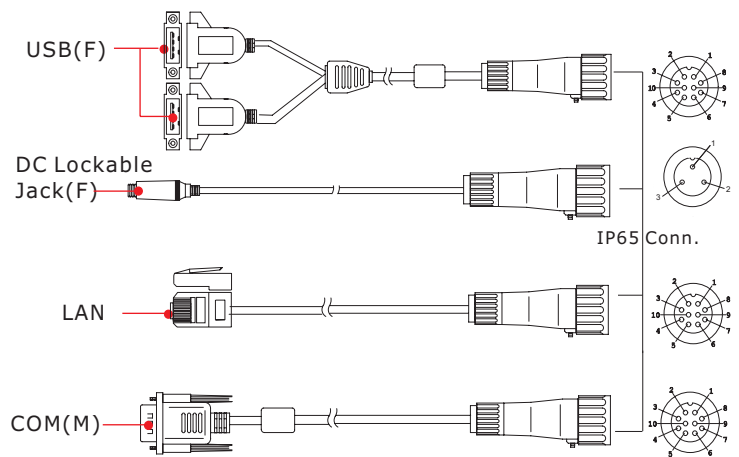
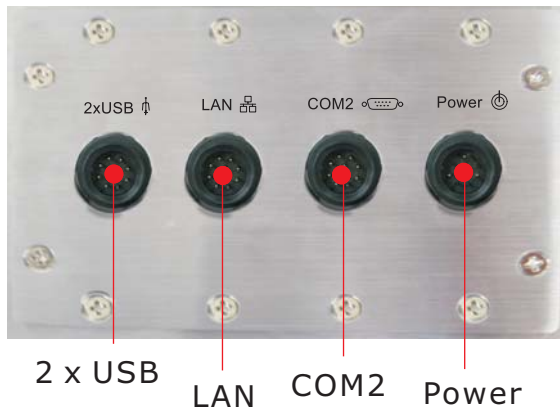
21.5" Fanless Full IP65/NEMA 4X Panel PC (Intel® Atom D2550 Platform)

MODEL #: W22ID3S-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/m² (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M

SBC Specifications :

- Processor : Intel® Atom™ Dual Core D2550 1.86GHz Processor
- BIOS : AMI UEFI BIOS
- System Chipset : NM10
- System Memory : Dual DDR3 1066 MHz SO-DIMM Slot, Max. 4GB
- Graphic Chipset : Integrated Graphic
- Ethernet : 1000 Base-Tx Gigabit Ethernet Compatible
- Audio : Realtek ALC655 codec
- USB : 6 x USB ports, USB 2.0 compliant
- Serial : 2 x RS232, 1 x RS232/422/485 ports 1xRS232(Optional)
- SSD Interface : 1 x 2.5" Mini PCIe SSD
- Expansion Slot : 1 x Mini PCIe
- Power Input : DC-IN (Lockable, Power Jack)

* 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 DDR3 1GB/2GB/4GB	Mechanical : Stainless Chassis
Storage : 2.5" HDD/SSD	Touch : 5 Wires Resistive(Optional)
	OS : Windows 7 embedded / Windows XP embedded (Optional)



Rev.	Reasons	Revised Date
1.0	First Release	Feb-03-12
1.1	Drawing Change	Mar-08-12
1.2	Spec change	Apr-11-12

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

Revised Date:04/11/2012