

19" Fanless Full IP65/NEMA 4X Panel PC (Intel® Atom N270 Platform)

MODEL # SP_PPC_19T_SS

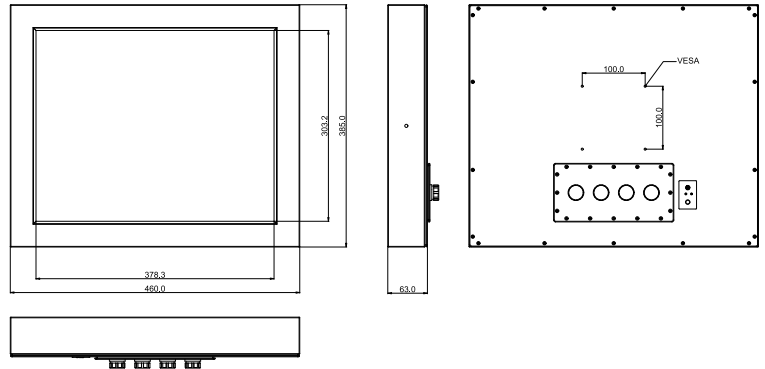
Mechanical Design



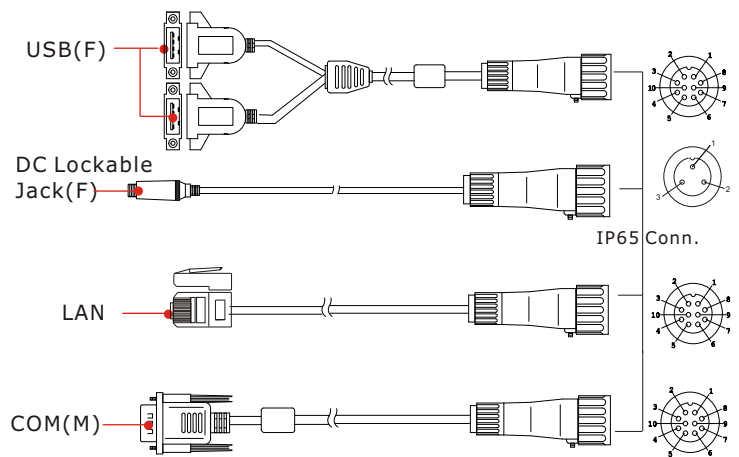
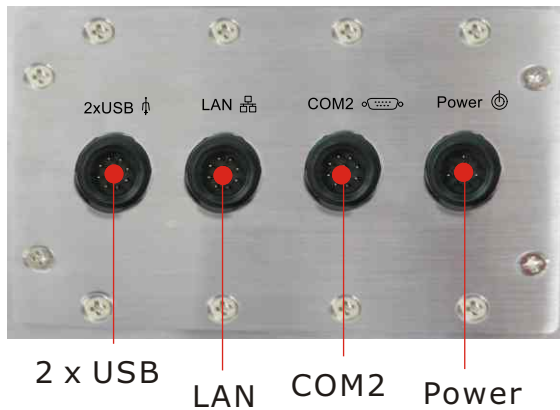
Standard:
brushed stainless



Optional:
black, high polish,
varnished coating



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 : 1280 x 1024
- Brightness : 300 cd/m² (typ.)
- Contrast Ratio : 800 : 1 (typ.)
- Viewing Angles : -80~80(H); -80~80(V)
- Max Colors : 16.7M

SBC Specifications :

- Processor : Intel® Atom N270 1.6 GHz
- BIOS : AMI 4Mbit Flash
- System Chipset : Intel® 945GSE / ICH7M
- Memory Slot : 1 x SO-DIMM, Max 2GB DDR2 400/533
- Graphic Chipset : Intel® 945GSE Integrated (224MB shared)
- IDE : 1 x 44pin IDE (UDMA 33/66/100)
- KB/Mouse : 1 x PS/2
- Ethernet : 1 x RJ45(Gigabit LAN)
- Audio : Built in AC97 codec
- USB : 6 x USB2.0 (4 x USB internal)
- Serial : 2 x RS232 (1 x RS232 internal)
- Expansion Slot : 1 x Mini PCI (Internal)
- SSD Interface : 1 x Type I/II CF socket (Internal)
- 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 : 65W (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 DDR2 1GB/2GB	Mechanical : Stainless Chassis
Storage : 2.5" HDD/SSD/CF	Touch : 5 Wires Resistive(Optional)
	OS : Windows XPE(Optional)
	Windows XP(Optional)
	Linux(Optional)



Rev.	Reasons	Revised Date
1.2	Drawing Change	Dec-03-08
1.3	Add Drawing	Mar-18-10
1.4	Pic change	Dec-15-10

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