

15" Fanless Full IP65/NEMA4 Panel PC (AMD Geode LX-800 500MHz CPU)

MODEL #: R15A83S-65C3

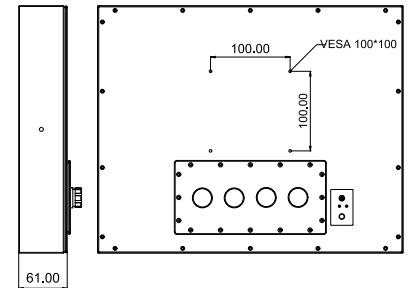
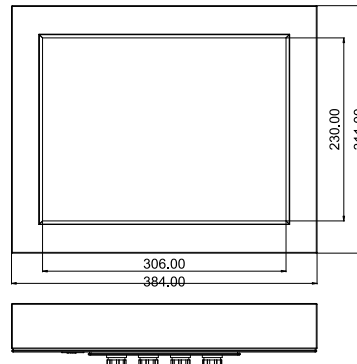
Mechanical Design



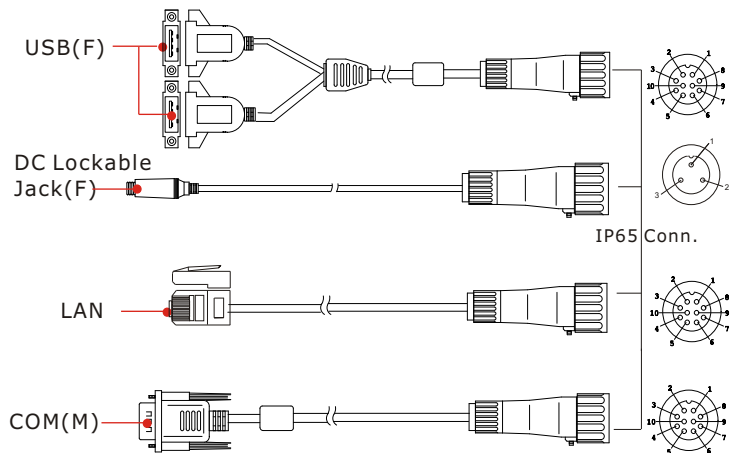
Standard:
brushed stainless



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 : 1024 x 768
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Angles : -70~70(H); -60~60(V)
- Max Colors : 16.2M

SBC Specifications :

- Processor : AMD Geode LX-800 500MHz
- BIOS : Award 4Mbit Flash
- System Chipset : AMD CS5536 Companion Device
- Memory Slot : 1 x SO-DIMM, Max 1GB DDR200/266/333
- Graphic Chipset : AMD Geode LX-800 Integrated (64MB shared)
- IDE : 1 x 44pin IDE (UDMA 33/66/100)
- KB/Mouse : 1 x PS/2
- Ethernet : 1 x RJ45(Realtek RTL8110CL 10/100Mbps)
- Audio : Built in AC97 codec
- USB : 4 x USB2.0 (3 x USB internal)
- Serial : 4 x RS232 (3 x RS232 internal)
- Expansion Slot : 1 x Mini PCI (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 : 39W (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 Mbps
- COM : 1 X RS232
- USB : 2 x USB Type-A Receptacle
- Power : 1 X 12VDC

Order Options :

SBC	PANEL PC
RAM : SODIMM DDR 512M/1GB	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
1.3	Drawing Change	Dec-23-08
1.4	Spec Change	Feb-13-09
1.5	Pic change	Dec-15-10



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

Revised Date:12/15/2010