

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

MODEL #: R19A83S-65M1

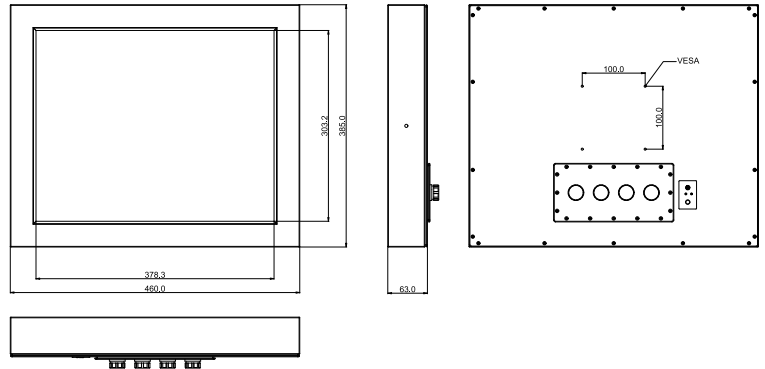
Mechanical Design



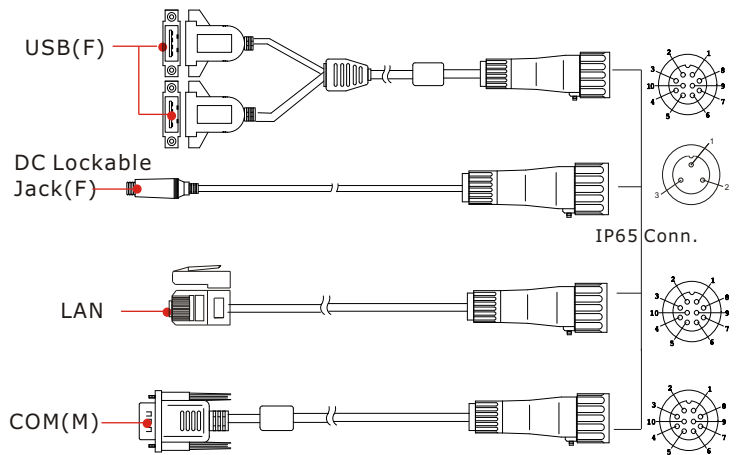
Standard:
brushed stainless



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 (8 bits/colors)

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, 1 x RS232/422/485 (internal)
2 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 : 20W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Power Supply 90W 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 |
|------|----------------|--------------|
| 1.1 | Spec Change | Dec-02-08 |
| 1.2 | Drawing Change | Dec-03-08 |
| 1.3 | Pic change | Dec-15-10 |

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

Revised Date: 12/15/2010