

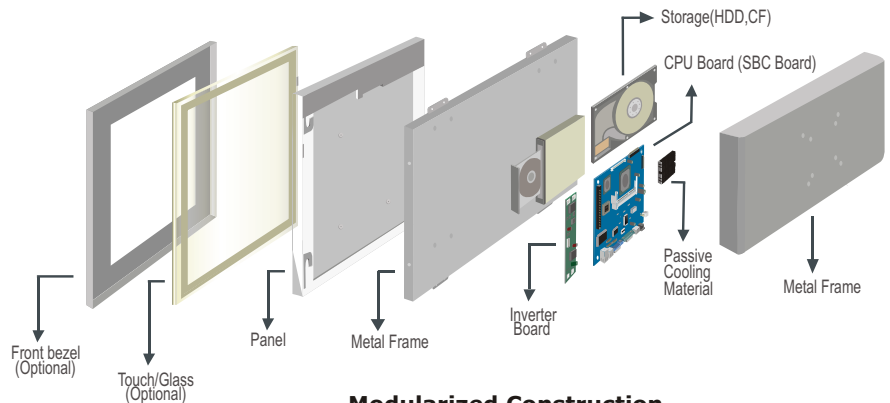
S-Series 17" Panel PC (AMD Geode LX-800 500MHz CPU)

MODEL #: R17A83S-OFM1

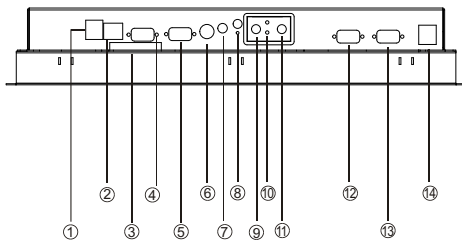
Mechanical Design



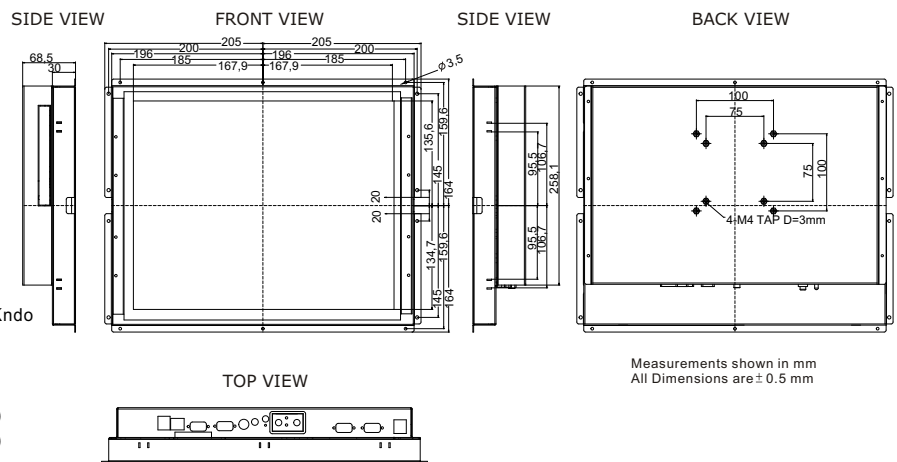
Open Frame



Modularized Construction



1. USB
2. RJ-45
3. CF Socket
4. RS-232 Conn.
5. VGA Conn.
6. PS/2
7. DC-IN Lockable Power Jack
8. Brightness Adjustment Kndo
9. Power Reset Button
10. Power / HDD LED
11. Power On Button
12. RS-232 Conn. (Optional)
13. RS-232 Conn. (Optional)
14. USB (Optional)



System Specifications

TFT Characteristics :

- Resolutions : 1280 x 1024
- Brightness : 300 cd/m² (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Angles : -70~70(H); -60~70(V)
- Max Colors : 16.2M

SBC Specifications :

- Processor : AMD Geode LX-800 500MHz CPU
- BIOS : Award 4Mbit Flash
- System Chipset : AMD CS5536 Companion Device
- Memory Slot : 1 x SODIMM, Max 1GB DDR400
- Graphic Chipset : AMD® Geode LX800 Integrated (64MB shared)
- IDE : 1 x IDE (UDMA 33)
- CF : 1 x Type I/II CF socket
- KB/Mouse : 1 x PS/2
- Ethernet : 1 x RJ-45 (Realtek RTL8110s 10/100 Mbps)
- VGA : 1 x VGAConn.
- Audio : Built in AC97 codec
- USB : 4 x USB 2.0
- Serial : 3 x RS232, 1 x RS232/422/485
- Parallel : 1 x LPT
- Expansion Slot : 1 x Mini PCI
- Power Input : DC IN (Lockable, Power Jack)
- Certifications : CE, FCC, RoHS

Power Specifications :

- Power Input Temperature : DC IN (Lockable, Power Jack)
- Power Consumption : 12V, 45W (typ.)

Environment Considerations :

- Operating Temperature : 0 deg.C to 45deg.C
- Operating Humidity : 30% to 90% (non condensing)

Output Connectors :

- Ethernet LAN : 1 x RJ45-10/100Mbps
- Keyboard / Mouse : 1 x PS/2
- COM : 1 x RS232 9P DSUB (male)
- USB : 2 x USB Type-A Receptacle
- VGA Out : 1 x VGA 15PDSUB (female)
- CF : 1 x Type I/II Socket

Order Options :

SBC	PANEL PC
CPU : AMD LX-800 500MHz*	Mechanical : Open Frame
RAM : 256 MB DDR* 512 MB DDR (Optional) 1 GB DDR (Optional)	Panel Mount (5mm bezel) IP65 (10mm bezel) Chassis
Storage : 3.5" 80GB HDD* 2.5" 40 GB HDD (Optional)	Touch : 5 Wires Resistive (Optional)
* Default : 1 GB Compact Flash (Optional)	OS : Windows XPE (Optional) Windows XP (Optional) Linux (Optional)

Accessories :

- External Power Supply 80W w/power cord
- Y Cable for Keyboard / Mouse