

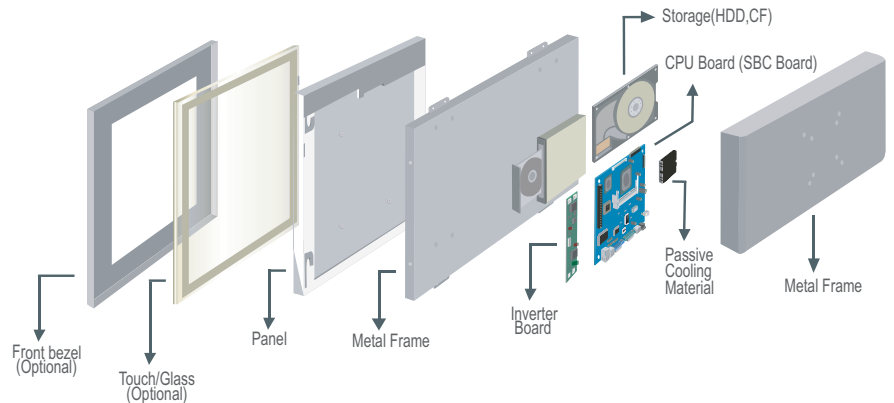
# Series 12.1" Panel PC

(AMD Geode LX-800 500MHz CPU)

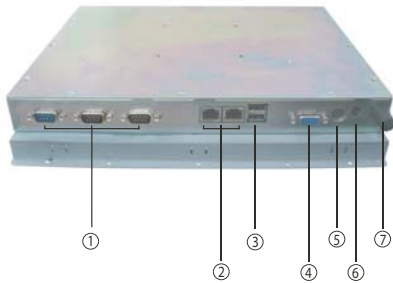
## Mechanical Design



Open Frame



Modularized Construction



- 1. RS-232 Conn.
- 2. RJ45
- 3. USB
- 4. VGA Conn.
- 5. PS/2
- 6. DC-IN Lockable Power Jack
- 7. Brightness Adjustment Knod

### Panel Specifications

•	800 x 600
Resolutions	: 400 cd/m <sup>2</sup> (typ.)
Brightness	: 500 : 1(typ.)
Contrast Ratio	: -70~70(H);-50~60(V)
Viewing Angles	: 262,144 (6bits/color)

### Environment Considerations :

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

### Output Connectors :

Ethernet LAN	: 2 x RJ45-10/100Mbps (Optional Giga LAN)
Keyboard / Mouse	: 1 x PS/2
COM	: 3 x RS232 9P DSUB(male)
USB	: 4 x USB Type-A Receptacle
VGA Out	: 1 x VGA 15PDSUB(female)

### Order Options :

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

### Accessories :

- External Power Supply 60W w/power cord
- Y Cable for Keyboard / Mouse

### 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 DDR 400
- Graphic Chipset : AMD® Geode LX800 Integrated (64MB shared)
- IDE : 1 x IDE(UDMA 100)
- SATA : 2 x SATA 1.0
- CF : 1 x Type I/II CF socket
- KB/Mouse : 1 x PS/2
- Ethernet : 2 x RJ-45(Realtek RTL8110 10/100 Mbps)
- VGA : 1 x VGA Conn.
- Audio : Built in AC97 codec
- USB : 4 x USB 2.0
- Serial : 3 x RS232, 1 x RS232/422/485
- Expansion Slot : 1 x MiniPCI
- Power Input : DC IN (Lockable, Power Jack)
- Certifications : CE, FCC, RoHS

### Power Specifications :

- Power Input Temperature : DC IN (Lockable, Power Jack)
- Power Consumption : 12V, 23W (typ.)

