

S-Series 8" Panel PC

(AMD Geode LX-800 500MHz CPU)

Model no.: WPMC8000-IPD1-A

System Specifications:

TFT Characteristics

Pixel Number : 640 x 480
 Brightness : 350 cd/m (typ.)
 Contrast Ratio : 250:1 (typ.)
 Viewable Angles : -65~65 (H);- 65~50 (V)
 Max Colors : 262,144

Environmental Considerations

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



IP65 (10mm front bezel)

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 VGA Connector
 Audio : Build in AC97 Codec
 USB Ports : 4 x USB 2.0
 Serial Ports : 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

Output Connectors

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

Order Options

SBC	PANEL PC
CPU : AMD LX-800 500MHz*	Mechanical : Open Frame
RAM : 256 MB DDR*	Panel Mount (5mm bezel)
512 MB DDR(Optional)	IP65 (10mm bezel)
1 GB DDR(Optional)	Chassis
Storage : 1 GB Compact Flash*	Touch : 4 Wires Resistive(Optional)
* Default	OS : Windows XPE(Optional)
	Windows XP (Optional)
	Linux(Optional)

Power Specification

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

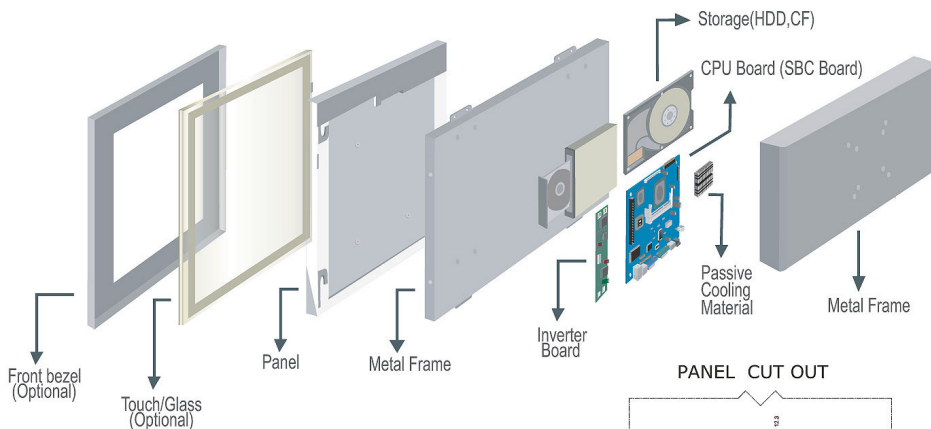
Accessories

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



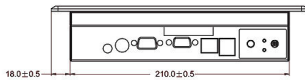
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Mechanical Design

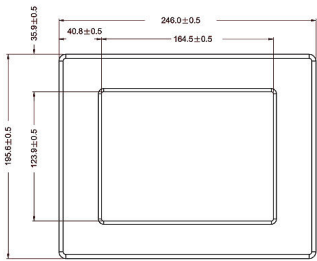


Modularized Construction

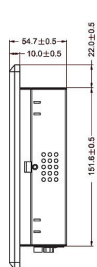
BOTTOM VIEW



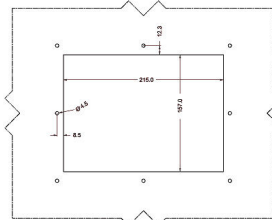
FRONT VIEW



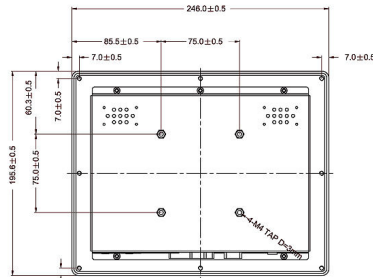
SIDE VIEW



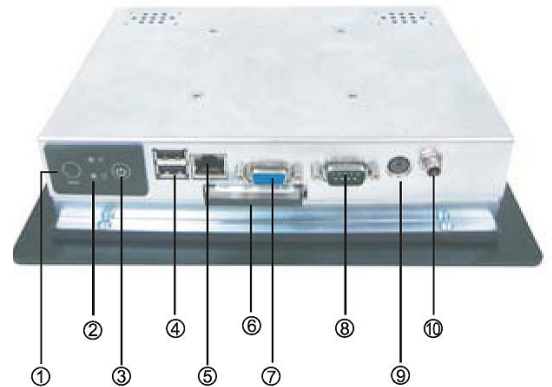
PANEL CUT OUT



BACK VIEW



Measurements shown in mm All Dimensions are ± 0.5 mm



- 1. Power Reset Button
- 2. Power / HDD LED
- 3. Power On Button
- 4. USB
- 5. RJ-45
- 6. CF Socket
- 7. VGA Conn.
- 8. RS-232 Conn.
- 9. PS/2
- 10. DC-IN Lockable Power Jack

