

S-Series 19" Panel PC

(AMD Geode LX-800 500MHz CPU)

Model no.: WCHC1900M1-A

System Specifications:

TFT Characteristics

Pixel Number : 1280 x 1024
 Brightness : 300 cd/m (typ.)
 Contrast Ratio : 800:1 (typ.)
 Viewable Angles : -80~80 (H);-80~80 (V)
 Max Colors : 16.2M

Environmental Considerations

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



Chassis

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 : 3.5" 80 GB HDD*	Touch : 5 Wires Resistive(Optional)
1 GB Compact Flash(Optional)	OS : Windows XPE(Optional)
* Default	Windows XP (Optional)
	Linux(Optional)

Power Specification

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

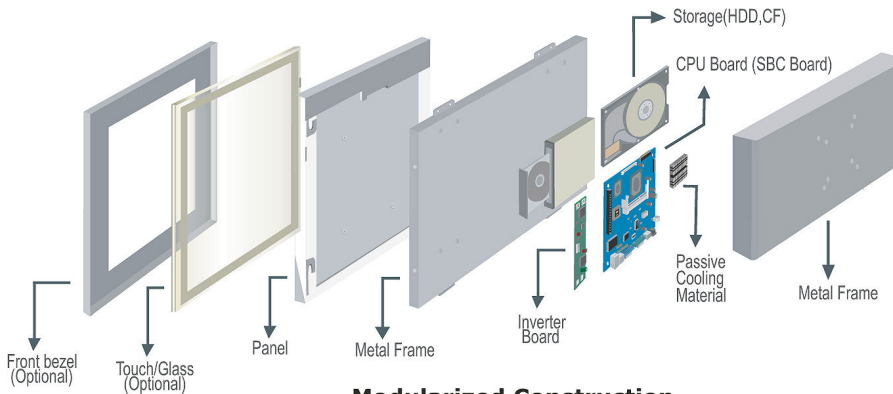
Accessories

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

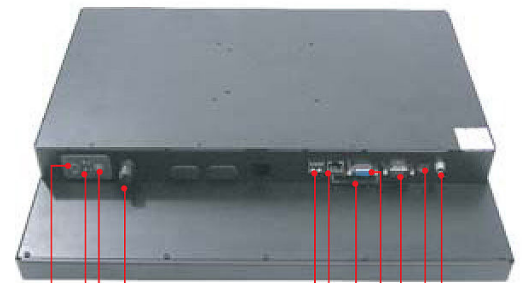
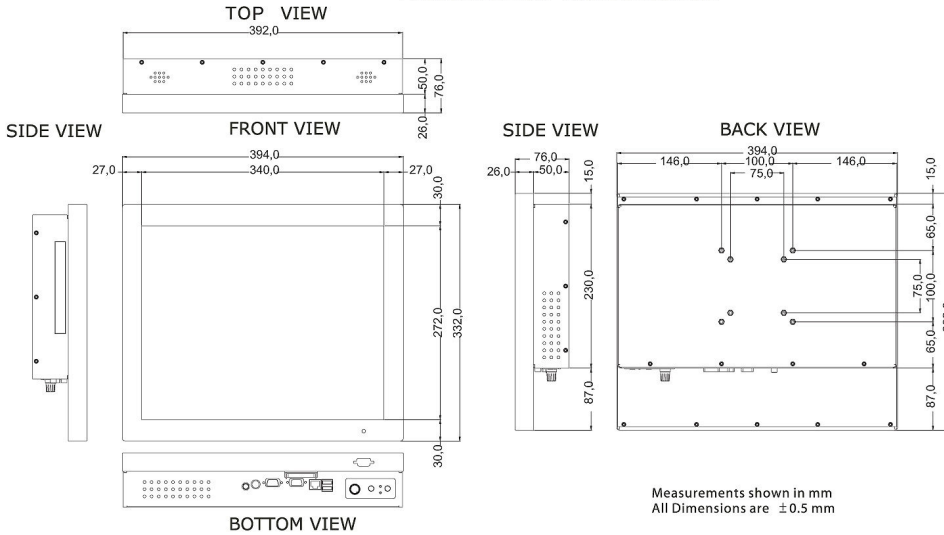


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Mechanical Design



Modularized Construction



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

