

S-Series 10.4" Panel PC

(AMD Geode LX-800 500MHz CPU)



Model no.: WCHHC1040P1-A

System Specifications:

TFT Characteristics:

Resolutions : 800 x 600
 Brightness : 500 cd/m (typ.)
 Contrast Ratio : 500 : 1(typ.)
 Viewing Angles : -60~60(H);-60~40(V)
 Max Colors : 262,144 (6bits/color)

Power Specification:

Power Input Temperature :DC IN (Lockable, Power Jack)
 Power Consumption :12V, 20W (typ.)

Chassis

Outdoor Readability

Ambient light(nit)	Brightness measure Angle	15,000	30,000	80,000
Brightness gain(BL off)(nit)	35	500	620	990
Reflectance(net)(%)		1.00%	0.9%	0.8%

* Average brightness measured at center point under bright after enhancement. Actual number may deviate from this number due to original panel's brightness deviation.

** Expected brightness under different ambient environment. Simulated brightness number for reference.

Environmental Considerations:

Operating Temperature :0 deg.C to45deg.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 15P DSUB(female)
 CF :1 x Type I/II Socket

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 LX800Integrated (64MB shared)
 IDE :1 xIDE(UDMA33)
 CF :1 x Type I/II CFsocket
 KB/Mouse :1 x PS/2
 Ethernet :1 x RJ-45(Realtek RTL8110S 10/100 Mbps)
 VGA :1 x VGAConn.
 Audio :Built inAC97 codec
 USB :4XUSB2.0
 Serial :3 x RS232,1 x RS232/422/485
 Parallel :1 x LPT
 Expansion Slot :1 x MiniPCI
 Power Input :DC IN (Lockable,PowerJack)
 Certifications :CE, FCC, RoHS

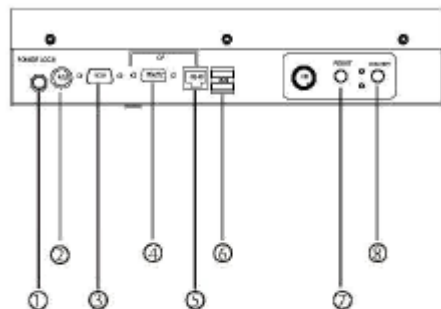
Order options:

SBC	PANEL PC
CPU :AMD LX-800 500MHZ*	Mechanical : Open Frame
RAM :256 MB DDR*	Panel Mount (5mmbezel)
:512 MB DDR(Optional)	IP65 (10mm bezel)
1 GB DDR(Optional)	Chassis
Storage :2.5" 40 GB HDD*	Touch :4 Wires Resistive(Optional)
1 GB Compact Flash(opt)	OS : Windows XPE(Optional)
*Default	Windows XP (Optional)
	Linux(Optional)

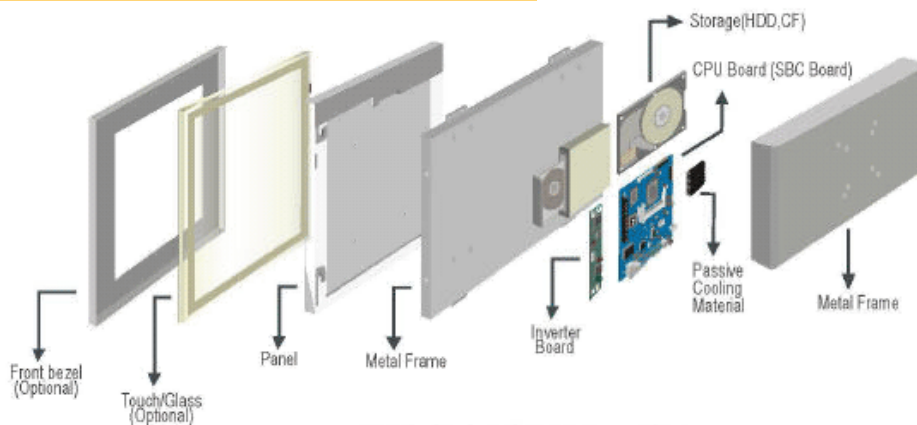
Accessories:

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

Mechanical Design:



1. DC-IN Lockable Power Jack
2. PS/2
3. VGA Conn
4. RS-232 Conn
5. RJ-45
6. USB
7. Reset
8. Power



Modularized Construction

