

S-Series 15" Panel PC

(AMD Geode LX-800 500MHz CPU)



Model no.: WCHHC1500A1-A

System Specifications:

TFT Characteristics:

Resolutions : 1024 x 768
 Brightness : 610 cd/m2 (typ.)
 Contrast Ratio : 500 : 1 (typ.)
 Viewing Angles : -70~70(H); -50~70(V)
 Max Colors : 16.2M

Power Specification:

Power Input Temperature :DC IN (Lockable, Power Jack)
 Power Consumption :12V, 44W (typ.)

Chassis

Outdoor Readability

Ambient light(nit)	Brightness measure Angle	15,000	30,000	80,000
Brightness gain(BL off)(nit)	35	670	760	1,030
Reflectance(net)(%)		0.8%	0.7%	0.6%

* 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

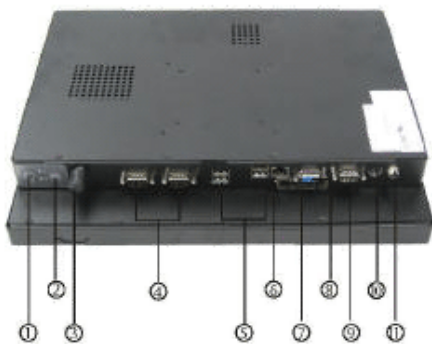
Order options:

SBC	PANEL PC
CPU :AMD LX-800 500MHz*	Mechanical : Open Frame
RAM :256 MB DDR*	Panel Mount (5mm bezel)
:512 MB DDR(Optional)	IP65 (10mm bezel)
Storage :3.5" 80 GB HDD*	Chassis
1 GB DDR(Optional)	Touch :4 Wires Resistive(Optional)
1 GB Compact Flash(opt)	OS : Windows XPE(Optional)
*Default	Windows XP (Optional)
	Linux(Optional)

Accessories:

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

Mechanical Design:



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

