

S-Series 8.4" Panel PC

(AMD Geode LX-800 500MHz CPU)



Model no.: WPMHC8400-IPT1-A

System Specifications:

TFT Characteristics:

Resolutions : 800 x 600
Brightness : 490*cd/m2 (typ.)
Contrast Ratio : 250 :1 (typ.)
Viewing Angles : 100(H);90(V)
Max Colors : 262,144

Power Specification:

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

IP65 (10mm) front bezel

Outdoor Readability

Ambient light(nit)	Brightness measure Angle	15,000	30,000	80,000
Brightness gain(BL off)(nit)	35	530	680	1,150
Reflectance(net)(%)		1.2%	1.1%	1%

* 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.

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

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

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 : 5 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:

