

S-Series 10.4" Panel PC

(AMD Geode LX-800 500MHz CPU)



Model no.: WPMHC1040P1-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

Power Specification:

Power Input Temperature : DC IN (Lockable, Power Jack)
 Power Consumption : 12V, 25W (typ.)

Panel Mount (5mm front bezel)

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 to 45deg.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 x IDE(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 : 2.5" 40 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:

Mounting Kit (for Panel Mount 5mm)
 External Power Supply 60W w/power cord
 Y Cable for Keyboard / Mouse

Mechanical Design:

