

# S-Series 6.4" Panel PC

## (AMD Geode LX-800 500MHz CPU)



Model no.: WPMHC6400P1-A

### System Specifications:

#### TFT Characteristics:

Resolutions : 640 x 480  
 Brightness : 490\*cd/m2 (typ.)  
 Contrast Ratio : 400 : 1(typ.)  
 Viewing Angles : -50~50(H);-35~15(V)  
 Max Colors : 262,144

#### Power Specification:

Power Input Temperature :DC IN (Lockable, Power Jack)  
 Power Consumption :12V, 20W (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	535	640	960
Reflectance(net)(%)		0.9%	0.8%	0.7%

\* 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 PJ-45(Realtek RTL8110S 10/100 Mbps)  
 VGA :1 xVGAConn.  
 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:

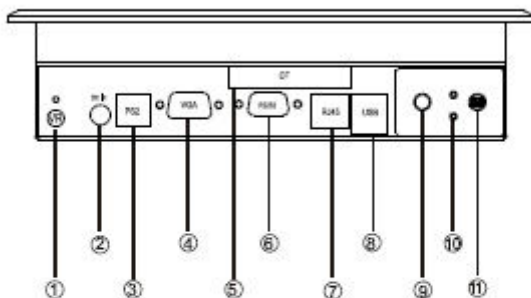
SBC :AMD LX-800 500MHz*	CPU :256 MB DDR*	RAM :512 MB DDR(Optional)	Storage : 1 GB DDR(Optional)	<b>PANEL PC</b>
				Mechanical : Open Frame
				Panel Mount (5mmbezel)
				IP65 (10mm bezel)
				Chassis
				Touch : 4 Wires Resistive(Optional)
				OS : Windows XPE(Optional)
				Windows XP (Optional)
				Linux(Optional)

#### Accessories:

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

#### Mechanical Design:

##### Panel Mount (5mm front bezel)



- Brightness Adjustment Knobs
- DC-IN Lockable Power Jack
- PS/2
- VGA Conn.
- CF Socket
- RS-232 Conn.
- RJ-45
- USB
- Power On Button
- Power / HDD LED
- Power Reset Button

