

S-Series 8.4" Panel PC

(AMD Geode LX-800 500MHz CPU)



Model no.: WPMHC8400-IPM2-A

System Specifications:

TFT Characteristics:

Resolutions : 1024 x 768
 Brightness : 380*cd/m2 (typ.)
 Contrast Ratio : 400 :1 (typ.)
 Viewing Angles : -65~65(H);-50~60(V)
 Max Colors : 260k (6bits/color)

Power Specification:

Power Input Temperature :DC IN (Lockable, Power Jack)
 Power Consumption :12V, 20W (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	397.5	465	660
Reflectance(net)(%)		0.65%	0.55%	0.45%

* 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

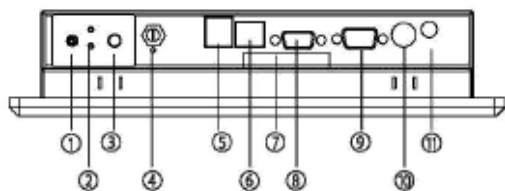
Order options:

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 : 5 Wires Resistive(Optional)
1 GB Compact Flash(opt)	OS : Windows XPE(Optional)
	Windows XP (Optional)
	Linux(Optional)
*Default	

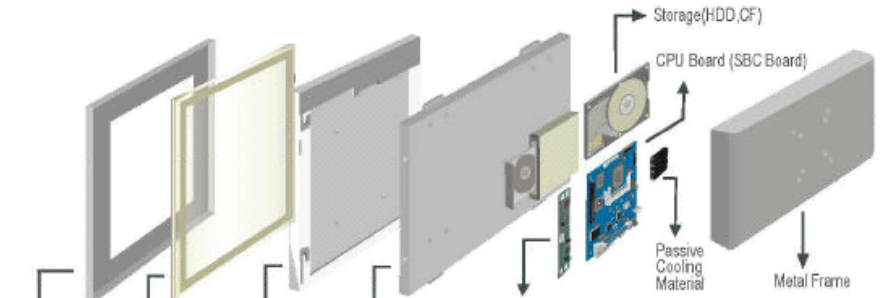
Accessories:

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

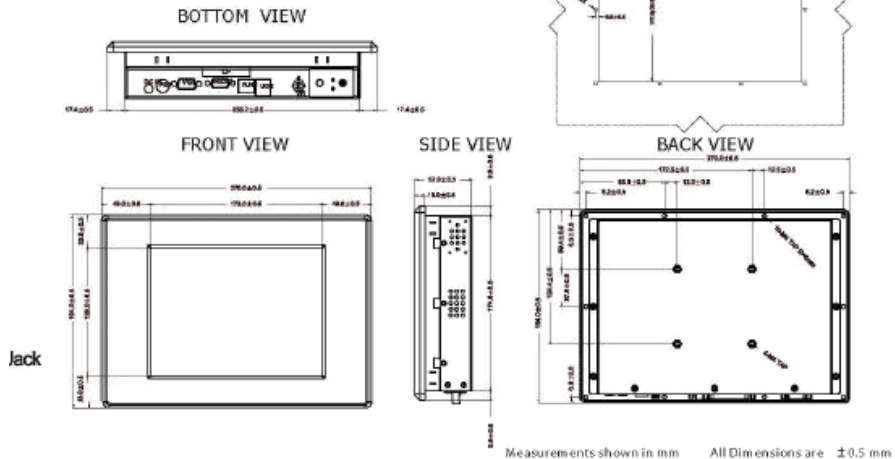
Mechanical Design:



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



Modularized Construction



Measurements shown in mm All Dimensions are ±0.5 mm

