S-Series 15” Panel PC

(AMD Geode LX-800 500MHz CPU)

Model no.: WCHC1500C3-A

System Specifications:

TFT Characteristics

Pixel Number	:	1024 x 768
Brightness	:	250 cd/m (typ.)
Contrast Ratio	:	500:1 (typ.)
Viewable Angles	:	-60~60 (H);-55~65 (V)
Max Colors	:	16.2M

Environmental Considerations

Operating Temperature	: 0 deg.C to45deg.C
Operating Humidity	: 30% to 90% (non condensing)

Chassis

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 LX800 Integrated (64MB shared)
IDE	: 1 x IDE (UDMA 33)
CF	: 1 x Type I/II CF socket
KB / Mouse	: 1 x PS/2
Ethernet	: 1 x RJ-45(Realtek RTL8110S 10/100 Mbps)
VGA	: 1 x VGA Connector
Audio	: Build in AC97 Codec
USB Ports	: 4 x USB 2.0
Serial Ports	: 3 x RS232, 1 x RS232/422/485
Parallel	: 1 X LPT
Expansion Slot	: 1 x Mini PCI
Power Input	: DC IN (Lockable, Power Jack)
Certifications	: CE, FCC, RoHS

Output Connectors

Ethernet LAN	:	1 x RJ45-10/100 Mbps
Keyboard / Mouse	:	1 x PS/2
COM	:	1 x RS232 9P DUSB (male)
USB	:	2 x USB Type-A Receptacle
VGA Out	:	1 x VGA 15P DSUB (female)
CF	:	1 x Type I/II CF socket

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)
1 GB DDR(Optional)	Chassis
Storage : 3.5" 80 GB HDD*	Touch : 5 Wires Resistive(Optional)
1 GB Compact Flash(Optional)	OS : Windows XPE(Optional)
* Default	Windows XP (Optional)
	Linux(Optional)

Power Specification

Power Input Temperature	:	DC IN (Lockable, Power Jack)
Power Consumption	:	12V, 32W (typ.)

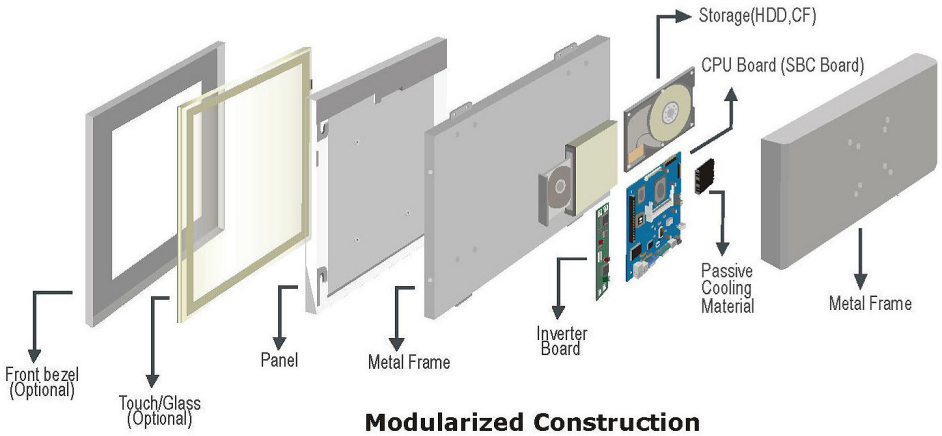
Accessories

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

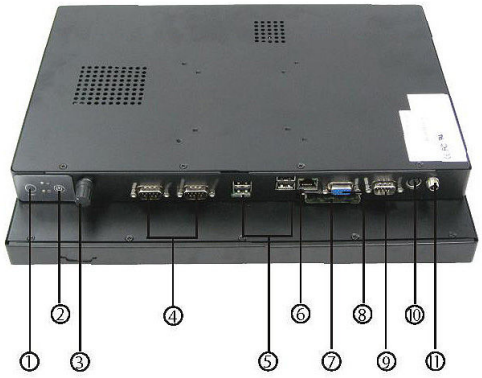
i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@itechlcd.com • WEB: www.iTechLCD.com

Model no.: WCHC1500C3-A

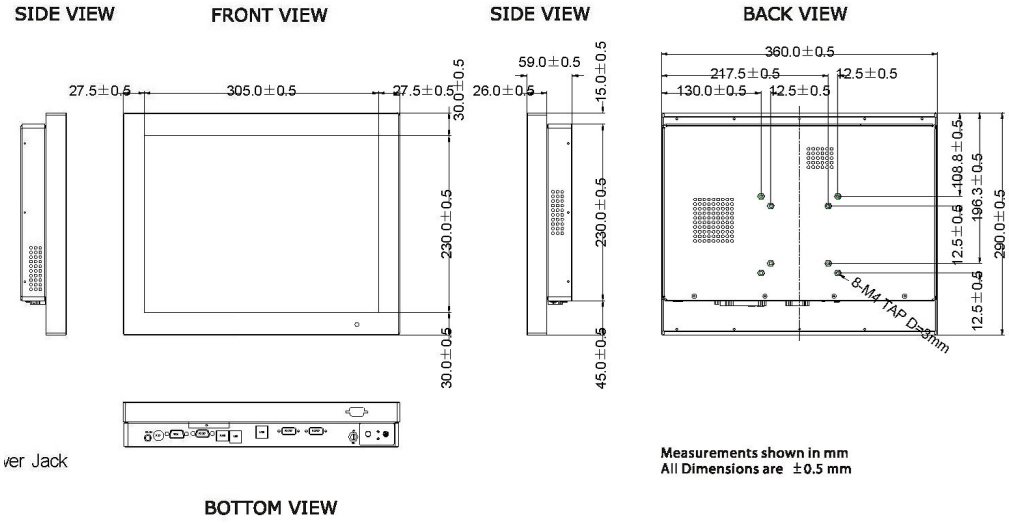
Mechanical Design



Modularized Construction



1. Power On Button
2. Power Reset Button
3. Brightness Adjustment Kndo
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



i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@itechlcd.com • WEB: www.iTechLCD.com