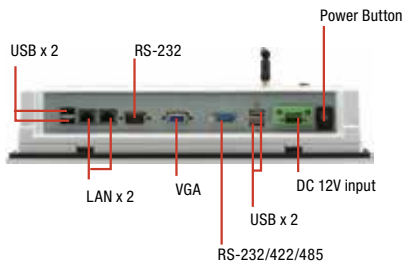


# AHP-1122

12.1" XGA HMI Touch Panel Computer with Onboard Intel® Atom™ D510 1.66GHz Processor, 1GB Included



## Features

- Onboard Intel® Atom™ D510 1.66GHz
- 12.1" 500 Nits XGA LED Backlight
- 12.1" 1000 Nits XGA LED Backlight
- Fanless Operation
- Slim Design: 64mm
- WiFi (Optional)



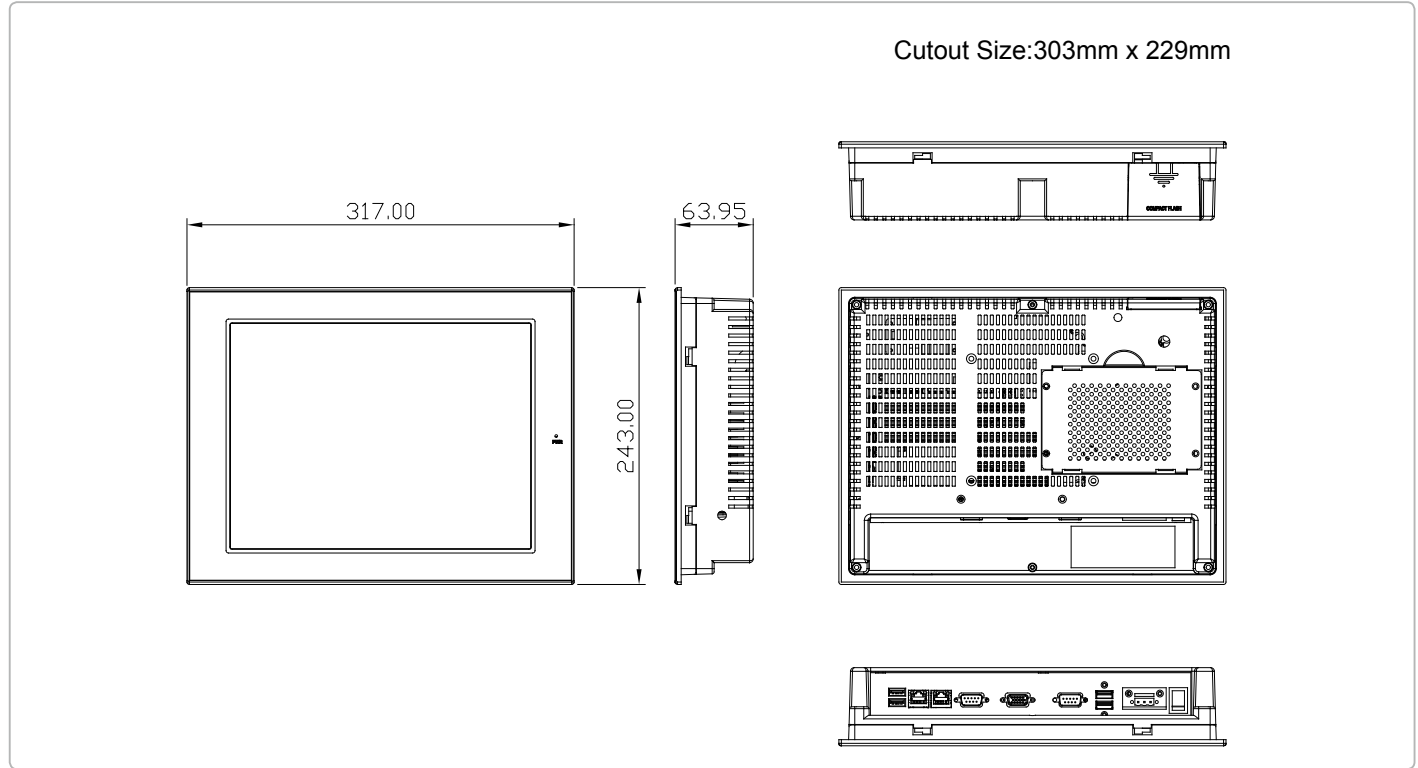
## Specifications

System	
Processor	Intel® Atom™ D510, 1.66GHz
System Memory	204-pin DDR3 SODIMM x 1, up to 4 GB
LCD/CRT Controller	Integrated in Processor, shared memory up to 224MB
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	USB2.0 x 4, RS-232 x 1, RS-232/422/485 x 1, LAN x 2, VGA x 1
Storage Disk Drive	2.5" SATA Hard Disk Drive/ CompactFlash™ Slot (Internal)
Expansion Slot	Mini Card x 1
OS support	Windows® CE 6.0, Windows® XP Embedded, Windows® XP, Windows® 7, Windows® Embedded Standard 7, Linux Fedora
Mechanical	
Construction	IP65 certified Plastic front panel Plastic back panel
Color	PMS 5425C + Gray
Mounting	VESA 100/ Panel
Dimension	12.5"(W) x 9.6"(H) x 2.5"(D) (317mm x 243mm x 64mm)
Carton Dimension	16.6"(W) x 7.7"(H) x 15.9"(D) (422mm x 196mm x 404mm)
Gross Weight	9.3 lb (4.2 kg)
Net Weight	7 lb (3.2 kg)
Environmental	
Operating Temperature	32°F ~ 122°F (0°C ~ 50 °C) (Ambient with airflow)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Humidity	5%~90% @ 40°C; non-condensing
Vibration	3 g rms/ 5~ 500Hz/ operation – With HDD
Shock	20 G peak acceleration (11 msec. duration)
EMC	CE/FCC class A
Power Supply	
DC input	DC 12V w/ 3-pin terminal block
LCD	
Display Type	12.1" TFT-LCD
Max Resolution	1024 x 768
Max. Colors	16.2M colors
Luminance	HTT: 500 cd/m <sup>2</sup> / STT: 1000 cd/m <sup>2</sup>
Viewing Angle	HTT: 160°(H), 160°(V)/ STT: 160°(H), 140°(V)
Back Light	LED
Back Light MTBF (hours)	HTT: 50,000/ STT: 60,000
Touchscreen	
Type	5-wire, Analog Resistive
Resolution	2048 x 2048
Light Transmission	>80%
Life time	35 Million activations

# AHP-1122

## Dimension

Unit: mm



## Ordering Information

Part Number	Display Type	Max Resolution	Luminance	View Angle	Backlight MTBF (Hours)	CPU	LAN	USB	RS-232	RS-485/422/232	Storage	RAM	Display	Expansion	Mounting	Power	Temp.	Touch
TF-AHP-1122HTT-A1-1010	12.1" TFT-LCD	1024 x 768	500 cd/m <sup>2</sup>	160(H), 160(V)	50,000	Intel® Atom™ D510 - 1.66GHz	2	4	1	1	CF Kit x 1 SATA-HDD kit x 1	1GB Included	VGA x 1	Mini Card x 1	VESA 100 / Panel	DC12V	0°C~50°C (w/o air)	5-wire resistive
TF-AHP-1122STT-A1-1010	12.1" TFT-LCD	1024 x 768	1000 cd/m <sup>2</sup>	160(H), 140(V)	60,000	Intel® Atom™ D510 - 1.66GHz	2	4	1	1	CF Kit x 1 SATA-HDD kit x 1	1GB Included	VGA x 1	Mini Card x 2	VESA 100 / Panel	DC12V	0°C~50°C (w/o air)	5-wire resistive

## Packing List

- Phoenix Power Connector
- Mounting Brackets and Screws
- Product CD
- AHP-1122

## Optional Accessories

- **AP-0T9789LA1000**  
Desktop Stand with VESA 100mm Standard
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **1757908401**  
12V 84W Power Adapter w/ 3-pin Terminal Block
- **9761215303**  
Wireless b/g/n