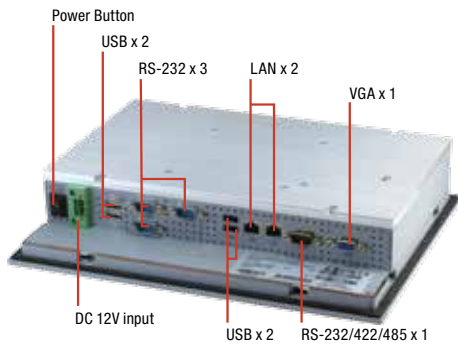


# AHP-1123

12.1" XGA HMI Touch Panel PC With Onboard Intel® Atom™ D2550 1.86 GHz Processor, 2 GB RAM



## Features

- 12.1" 500 Nits XGA LED Backlight
- Onboard Intel® Atom™ D2550 1.86 GHz
- IP65 Plastic Front Bezel
- Supports Dual Gigabit Ethernet
- Fanless System



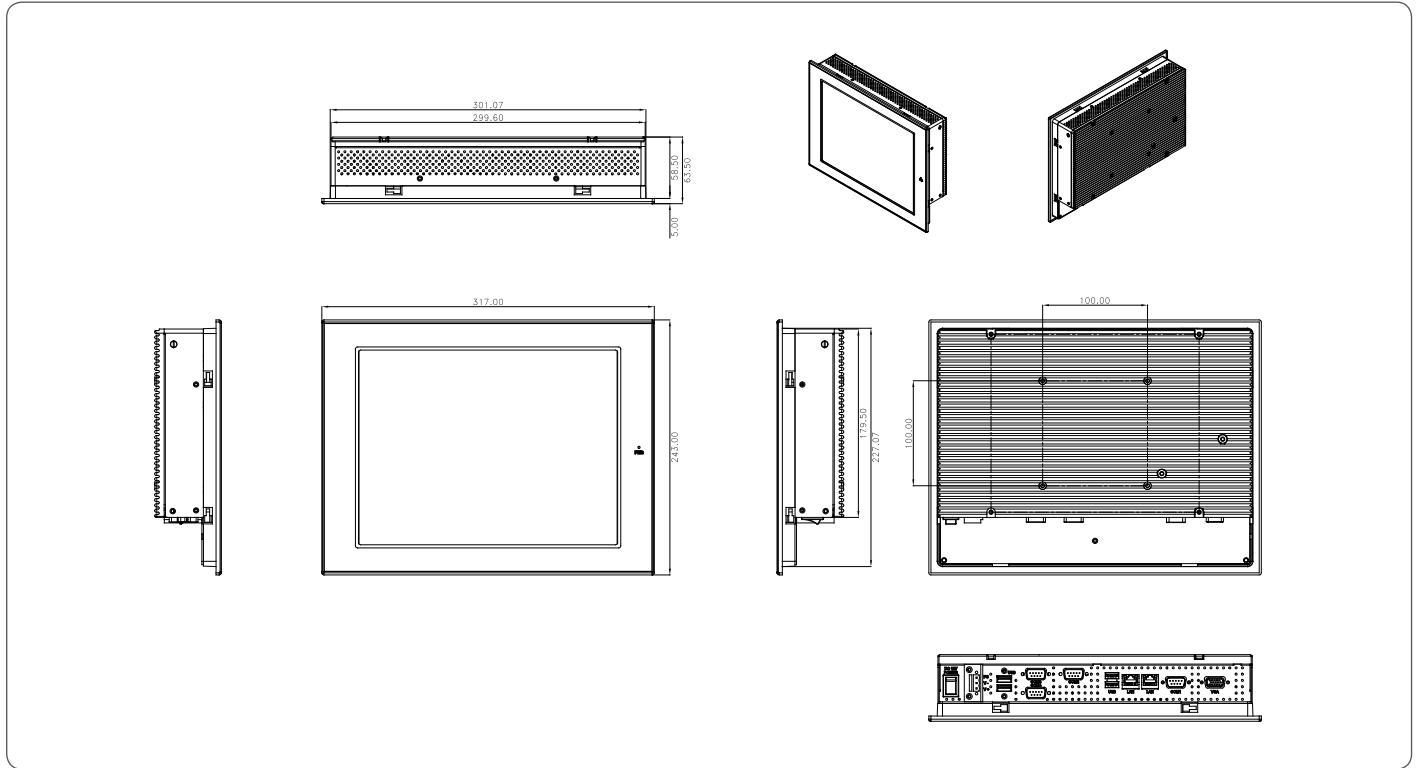
## Specifications

System	
Processor	Onboard Intel® Atom™ D2550 1.86 GHz
System Memory	204-pin DDR 3 800/1066 SODIMM x 1, up to 4 GB, 2 GB RAM inside
LCD/CRT Controller	Integrated in Processor
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	RS-232 x 3, RS-232/422/485 x 1, USB2.0 x 4, VGA x 1, Power button x 1, LAN x 2
Storage Disk Drive	2.5" SATA Hard Disk Drive/ CFast™ Slot (Internal)
Expansion Slot	Mini-Card x 1
OS support	Windows® XP Embedded, Windows® XP, Windows® 7 32-bit, Windows® Embedded Standard 7 32-bit, Linux Kernel 2.6.3 or above
Mechanical	
Construction	IP65 Plastic Front bezel
Mounting	Panel/ VESA100
Dimension	12.5" (W) x 9.6" (H) x 2.5" (D) (317mm x 243mm x 63.5mm)
Gross Weight	10.1 lb (4.6 kg)
Net Weight	7.9 lb (3.6 kg)
Environmental	
Operating Temperature	32°F ~ 131°F (0°C ~ 55°C) w/ Airflow 32°F ~ 122°F (0°C ~ 50°C) w/o Airflow
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	10%~95% @40°C; non-condensing
Power Supply	
DC input	12V DC input, w/3-pin terminal block
LCD	
Display Type	12.1" TFT-LCD
Max. Resolution	1024 x 768
Max. Colors	16.2M colors
Luminance	500 cd/m <sup>2</sup>
Viewing Angle	160°(H), 160°(V)
Back Light	LED
Back Light MTBF (hours)	50,000
Touchscreen	
Type	5-wire, Analog Resistive
Light Transmission	>80%
Life Time	10 Million times

# AHP-1123

## 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
AHP-1123HTT-A1-1010	12.1" TFT-LCD	1024 x 768	500 cd/m <sup>2</sup>	160(H)/160(V)	50,000	Intel® Atom™ D2550, 1.86 GHz	2	4	3	1	CFast™ x 1 2.5" SATA HDD x 1	2 GB RAM	VGA x 1	Mini-Card	VESA 100/ Panel	DC 12V	0°C ~ 50°C (w/o airflow) 0°C ~ 55°C (w/ airflow)	5-wire Resistive

## Packing List

- Phoenix Power Connector
- Mounting Brackets and Screws
- Product CD
- AHP-1123

## Optional Accessories

- **AP-0T9789LA1000**  
Desktop Stand with VESA 100mm Standard
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **1757908401**  
12V 84W Power Adapter w/ 3-pin Terminal Block
- **9761215303**  
WiFi Module b/g/n