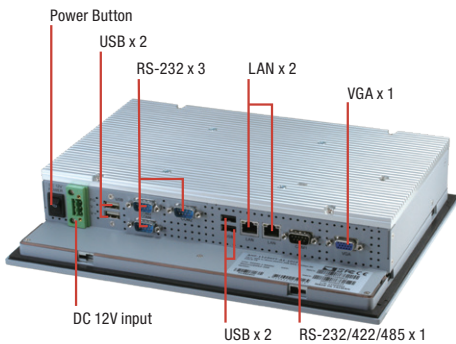


12.1" XGA HMI Touch Panel PC with Onboard Intel® Atom™ D2550 1.86 GHz Processor, 2 GB RAM



Features

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

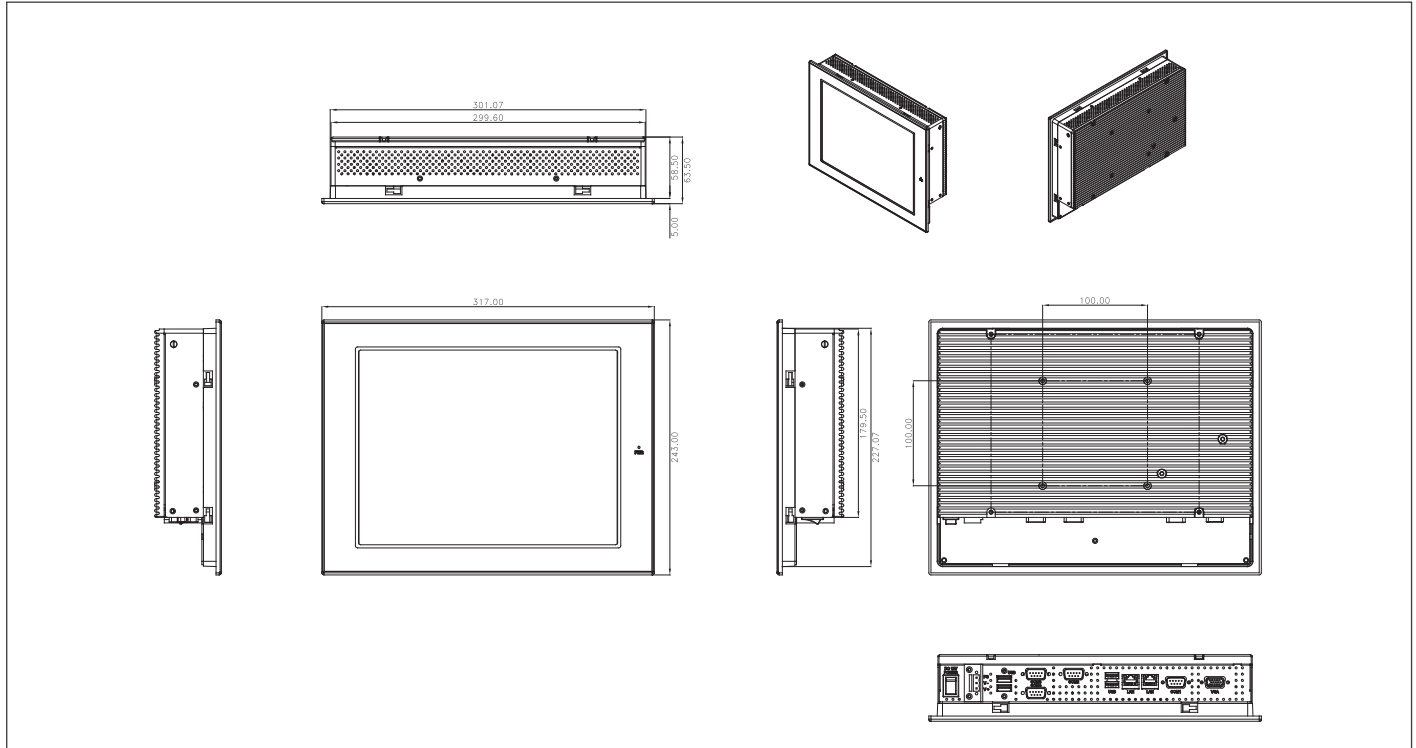


Specifications

System	
Processor	Onboard Intel® Atom™ D2550 1.86 GHz
System Memory	204-pin DDR 3 800/1066 SODIMM x 1, up to 4 GB, default 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, USB 2.0 x 4, VGA x 1, Power button x 1, LAN x 2
Storage Disk Drive	2.5" SATA HDD/ 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	VESA100/ Panel mount
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
Vibration	1 Grms / 5~ 500Hz / operation – with HDD
Shock	15G peak acceleration (11 msec. duration) – with HDD
EMC	CE/FCC class A
Power Supply	
DC input	DC 12V 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/m²
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 activations

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 ²	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	VGA x 1	Mini-Card x 1	VESA100/ Panel mount	DC 12V	0°C ~ 50°C (w/o airflow) 0°C ~ 55°C (w/ airflow)	5-wire resistive
AHP-1123HTT-A2-1010	12.1" TFT-LCD	1024 x 768	500 cd/m ²	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	4 GB	VGA x 1	Mini-Card x 1	VESA100/ Panel mount	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)
- **1255900841**
12V 84W Power Adapter w/ 3-pin Terminal Block
- **9761115400**
WiFi Module b/g/n