

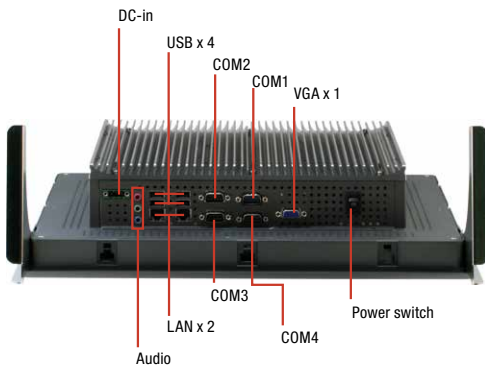
02 AHP-2176

Wide Temp. HMI Touch Panel Solutions

17" Rugged Fanless Touch Panel PC with Intel® Celeron® 827E/ Core™ i7-2610UE Processor, 2 GB RAM



USB x 2
LCD On/Off
Brightness +
Brightness -



DC-in
USB x 4
COM2
COM1
VGA x 1
LAN x 2
COM3
COM4
Power switch
Audio



Features

- 17" SXGA (1280 x 1024) TFT LCD Display
- Intel® Celeron® 827E/ Core™ i7-2610UE Processor
- Fanless Operation
- IP65 Aluminum Die Cast Front Bezel
- Two Easy Access Front USB Ports
- Power Input Protection:
Over-Voltage Protection
Low-Voltage Protection
Reverse-Voltage Protection
Surge Protection

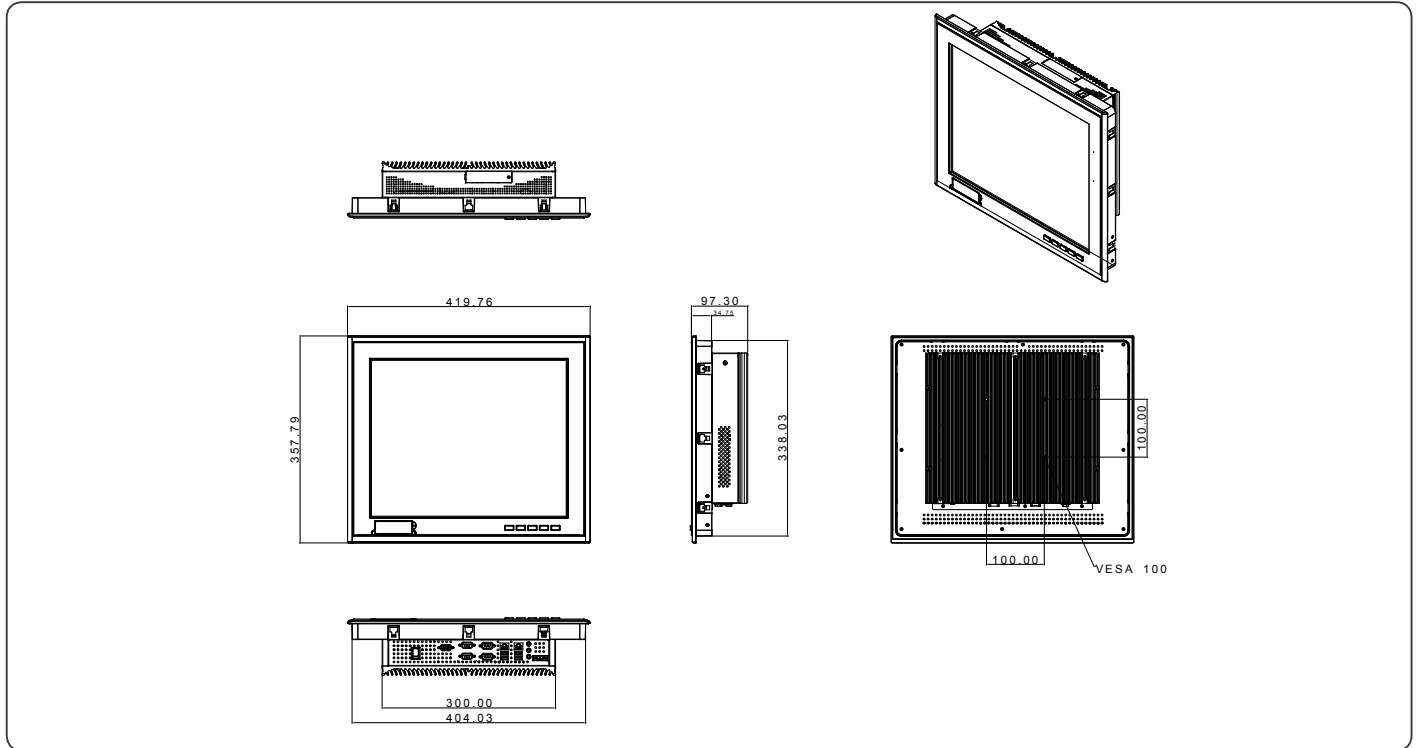


Specifications

System	
Processor	Onboard Intel® Celeron® 827E, 1.4 GHz/ Core™ i7-2610UE, 1.5 GHz
Memory	204-pin DDR3 SODIMM x 2, up to 8 GB, default 2 GB
LCD/CRT Controller	Integrated in Intel® QM67 chipset
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	RS-232 x 4, USB 2.0 x 6 (2 on front; 4 on rear), Line-in/Line-out, VGA x 1
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/ NEMA4 aluminum die cast front bezel & aluminum chassis
Mounting	Desktop/ VESA100/ Rackmount/ Wallmount/ Panel mount
Dimension	16.54" x 14.09" x 3.82" (420mm x 358mm x 97mm)
Carton Dimension	26.02" x 8.11" x 19.53" (661mm x 206mm x 496mm)
Gross Weight	23.1 lb (10.5 kg)
Net Weight	17.82 lb (8.1 kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C) w/o airflow -4°F ~ 131°F (-20°C ~ 55°C) with Core™ i7, w/o airflow
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	10~95% @40°C, non-condensing
Vibration	3 Grms/ 5~500 Hz/ random operation (HDD)
Shock	15 G peak acceleration (11 msec. duration)
EMC	CE/FCC class A
Power Supply	
DC input	DC 9~30V input, w/3-pin terminal block: Over-Voltage protection; low-voltage protection; reverse-voltage protection, surge protection
LCD	
Display type	17" TFT-LCD
Max. Resolution	1280 x 1024
Max. Colors	16.7M colors
Luminance	350 cd/m ²
Viewing Angle	170°(H)/160°(V)
Back Light	LED
Back Light MTBF (Hours)	50,000
Touchscreen	
Type	5-wire resistive
Light Transmission	80%
Life Times	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-2176HTT-A2-1111	17" TFT-LCD	1280 x 1024	350 cd/m ²	170(H)/160(V)	50,000	Intel® Celeron® 827E - 1.4 GHz	2	6	4	0	CFast™ kit x 1 SATA-HDD kit x 1	2 GB	VGA x 1	Mini-Card x 1	Desktop/ Wallmount/ VESA 100/ Panel mount	DC 9 ~30 V	-20°C~60°C (w/o air)	5-wire resistive
AHP-2176HTT-A1-1111	17" TFT-LCD	1280 x 1024	350 cd/m ²	170(H)/160(V)	50,000	Intel® Core™ i7-2610UE, 1.5 GHz	2	6	4	0	CFast™ kit x 1 SATA-HDD kit x 1	2 GB	VGA x 1	Mini-Card x 1	Desktop/ Wallmount/ VESA 100/ Panel mount	DC 9 ~30 V	-20°C~55°C (w/o air)	5-wire resistive

Packing List

- Phoenix Power Connector
- Mounting Brackets and Screws
- Product DVD
- AHP-2176

Optional Accessories

- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **1255900841**
12V 84W Power Adaptor w/ 3-pin Terminal Block
- **9761115400**
WiFi Module b/g/n
- **9761317502**
Rackmount Kit
- **ARM-WK075-0**
Wallmount Kit