

AHP-2176

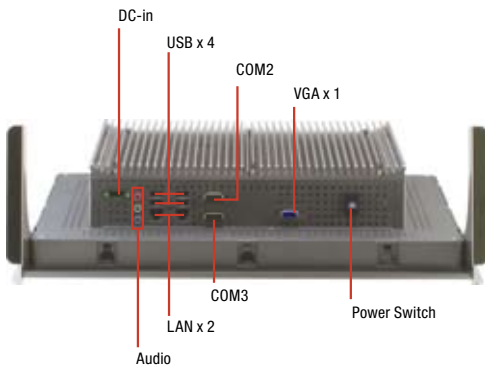
17" Rugged Fanless Touch Panel Computer With Intel® Celeron® 827E Processor, 2G RAM

02

Rugged HMI Touch Panel Solutions



USB x 2
LCD On/Off
Brightness +
Brightness -



DC-in
USB x 4
COM2
VGA x 1
COM3
Power Switch
LAN x 2
Audio



Features

- 17" SXGA (1280 x 1024) TFT LCD Display
- Intel® Celeron® 827E Processor, Fanless Cooling System
- IP-65 Aluminum Die Cast Front Bezel
- Two Easy Access Front USB Ports
- Power Input Protection:
Over-Voltage Protection
Low-Voltage Protection
Reverse Protection



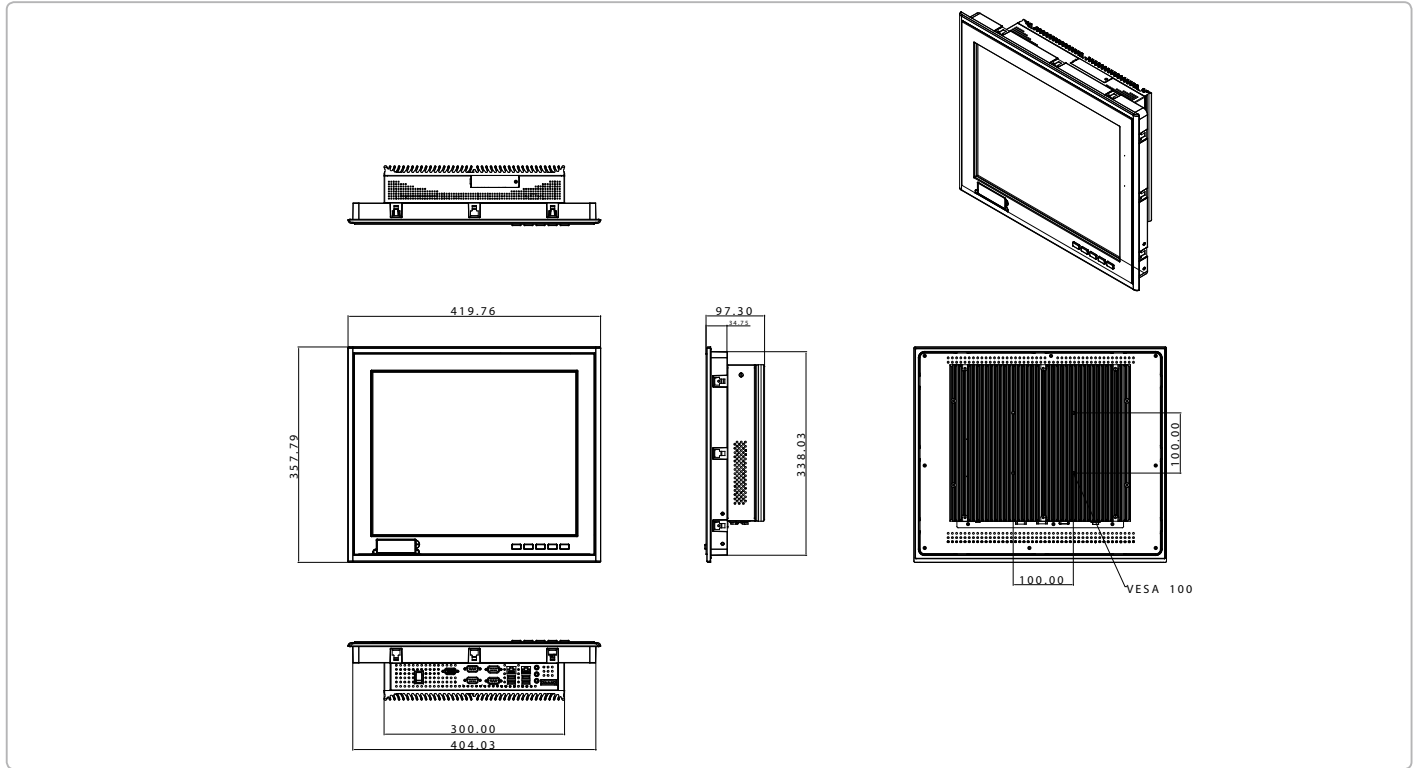
Specifications

System	
Processor	Onboard Intel® Celeron® 827E, 1.4 GHz
Memory	DDR3 SODIMM x 2, Max. 8GB
LCD/CRT Controller	Integrated in Intel® QM67
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	RS-232 x 2, USB2.0 x 6 (2 on front; 4 on rear), Line-in/Line-out, VGA x 1
Storage Disk Drive	2.5" SATA Hard Disk Drive/ CFast™ Slot (Internal)
Expansion Slot	PCIe Mini Card x 1
OS support	Windows® XP, Windows® 7, Linux kernel 2.6.X or above
Mechanical	
Construction	IP-65/ NEMA4 for aluminum die Cast Front bezel & Aluminum chassis
Mounting	Panel/ Desktop/ VESA100/ Rack/ Wall
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	17.82lb (8.1 Kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	10%~95% @40°C; non-condensing
Vibration	3 g rms/ 5~500 Hz/ Random operation (HDD)
Shock	15 G peak acceleration (11 msec. Duration)
EMC	CE/FCC Class A
Power Supply	
DC input	9~30V DC input, w/3-pin terminal block: over-voltage protection; low-voltage protection; reverse 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%
Lifetime (times)	35 Million activations

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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-A2-1010	17" TFT-LCD	1280 x 1024	350 cd/m ²	170(H), 160V	50,000	Intel® Celeron® 827E - 1.4GHz	2	6	2	0	CFast™ Kit x 1 SATA-HDD Kit x 1	2G	VGA x 1	Mini Card x 1	Desktop/Wall/ VESA 100 / Panel	DC 9 ~30 V	-20°C~60°C (w/o air)	5-wire resistive

Packing List

- Phoenix Power Connector
- Mounting Brackets and Screws
- CD-ROM for Manual (in PDF Format) and Drivers
- AHP-2176

Optional Accessories

- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **1757908401**
12V 84W Power Adaptor w/ 3-pin Terminal Block
- **9761215303**
Wireless b/g/n
- **9761317502**
Rackmount Kit
- **ARM-WK075-0**
Wallmount Kit