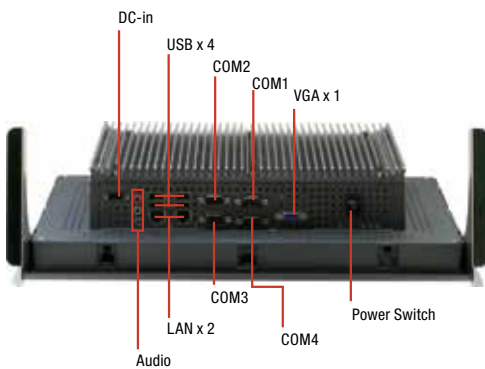


# AHP-2176

17" Rugged Fanless Touch Panel Computer With Intel® Celeron® 827E/ Core™ i7-2610UE Processor, 2GB 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 Cooling System
- IP65 Aluminum Die Cast Front Bezel
- Two Easy Access Front USB Ports
- Power Input Protection:  
Over-Voltage Protection  
Low-Voltage Protection  
Reverse Protection  
Surge Protection



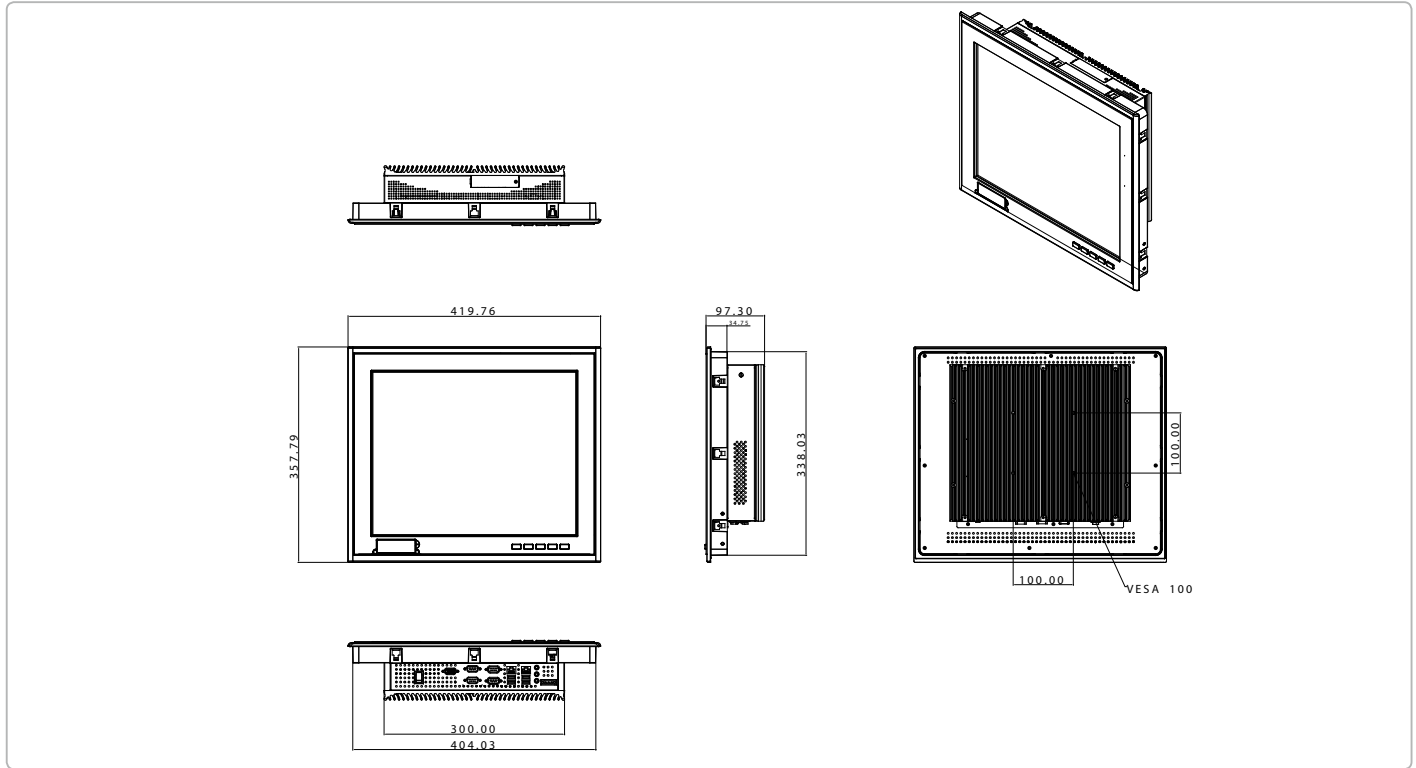
## Specifications

System	
Processor	Onboard Intel® Celeron® 827E, 1.4GHz/ Core™ i7-2610UE, 1.5GHz
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 4, 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	IP65/ 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	17.82 lb (8.1 Kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C) -4°F ~ 131°F (-20°C ~ 55°C) with Core™ i7
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 protectio, surge protection
LCD	
Display type	17" TFT-LCD
Max Resolution	1280 x 1024
Max. Colors	16.7M colors
Luminance	350 cd/m <sup>2</sup>
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

# AHP-2176

## 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 <sup>2</sup>	170(H), 160V	50,000	Intel® Celeron® 827E - 1.4GHz	2	6	4	0	CFast™ Kit x 1 SATA-HDD Kit x 1	2GB	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
AHP-2176HTT-A1-1010	17" TFT-LCD	1280 x 1024	350 cd/m <sup>2</sup>	170(H), 160V	50,000	Intel® Core™ i7-2610UE, 1.5GHz	2	6	4	0	CFast™ Kit x 1 SATA-HDD Kit x 1	2GB	VGA x 1	Mini Card x 1	Desktop/Wall/ VESA 100 / Panel	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)
- **1757908401**  
12V 84W Power Adaptor w/ 3-pin Terminal Block
- **9761215303**  
Wireless b/g/n
- **9761317502**  
Rackmount Kit
- **ARM-WK075-0**  
Wallmount Kit