



Features /

- 19" color TFT LCD
- Fanless Design
- Intel Celeron N2930 1.83GHz Processor (E3845 Processor for option)
- Onboard 2GB DDR3L
- 9~36V DC Wide-ranging Power Input
- 5 Sides IP65
- 5-wire Resistive Touch Screen



Specifications

System	
Processor	Onboard Intel Celeron N2930(1.83GHz) Onboard Intel Atom E3845(1.91GHz) for option
System Chipset	SoC
System Memory	Onboard 2GB DDR3L SDRAM Onboard 4GB DDR3L SDRAM for option
Storage	1 x 2.5" HDD Space 1 x Internal SD slot onboard

External I/O

USB	3 x USB 2.0 type A 1 x USB 3.0 type A
Serial/Parallel	1 x RS-232/422/485 DB-9 selectable, Default RS-485, COM1 2 x RS-232 DB-9, COM2 and COM3
Audio	2 x Line-out, phone jack
LAN	2 x GbE LAN RJ-45
Power	1 x 3-pin terminal block connector 1 x Power Switch on/off

Expansion

On board expansion bus	1 x Mini PCIe full size Optional WiFi/BT with Antenna
------------------------	--

LCD

Display Type	19" TFT LCD
Max. Resolution	1280 x 1024
Max. Color	16.7M
Contrast Ratio	1000:1
Luminance (cd/m ²)	350
View Angle	H: 170 / V: 160
Backlight Lifetime	50,000 hrs

Touch Screen

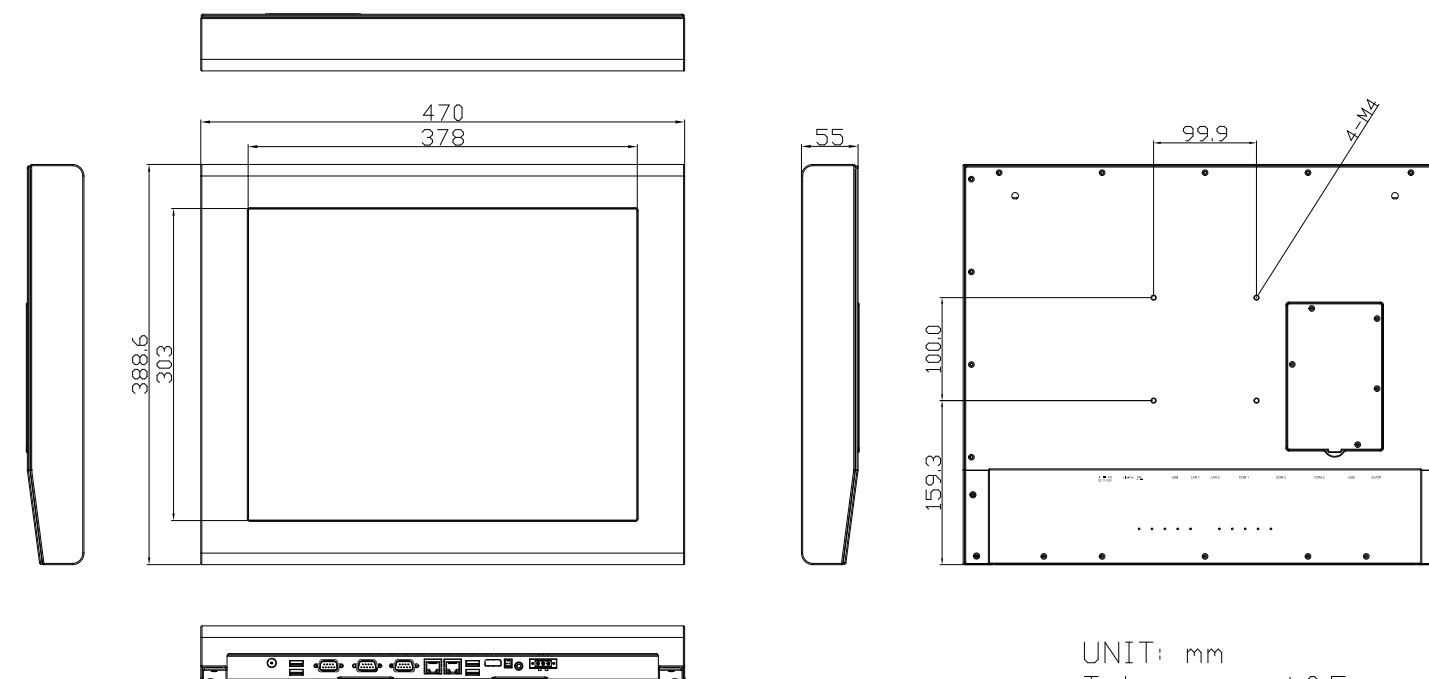
Type	Resistive Touch Window
Interface	USB
Light transmission (%)	80%

Power

Power input	9~36V DC
Power Consumption	MAX: 26.7W



Dimensions



UNIT: mm
Tolerance: ± 0.5

Mechanical

Chassis Color	Black Steel Chassis
IP Rating	5 sides IP65 with I/O cover
Mounting	VESA Mount 100x100
Dimension	470 x 388.6 x 55 mm
Net Weight	9 Kg

Environmental

Operating temperature(°C)	0~50°C
Storage temperature(°C)	-30°C~70°C
Storage humidity	10 to 90% @ 40°C, non- condensing
Certificate	CE / FCC Class A

Operating System Support

Windows 7 Professional for Embedded Systems,
Windows 7 Ultimate for Embedded System,
Windows Embedded 8.1 Pro,
Windows Embedded 8.1 Industry pro

Ordering information

APC-3985BT (Barebone)	19" SXGA 5 sides IP65 Intel Celeron N2930 1.83G Fanless Panel PC, DDR3L 2G onboard, Resistive touch, 9~36V DC power input with adaptor, steel enclosure
APC-3985BT-01	19" SXGA 5 sides IP65 Intel Celeron N2930 1.83G Fanless Panel PC, DDR3L 2G onboard, 320G SATA HDD, Resistive touch, 9~36V DC power input with adaptor, steel enclosure