



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 4GB DDR3L SDRAM, 8GB (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

Onboard expansion bus	1 x Mini PCIe full size Optional WiFi/BT with Antenna
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LCD

Display Type	19" TFT LCD
Max. Resolution	1280 x 1024
Max. Color	16.7M
Contrast Ratio	1000:1
Luminance (cd/m²)	350
View Angle	H: 170 / V: 160
Backlight Lifetime	50,000 hrs

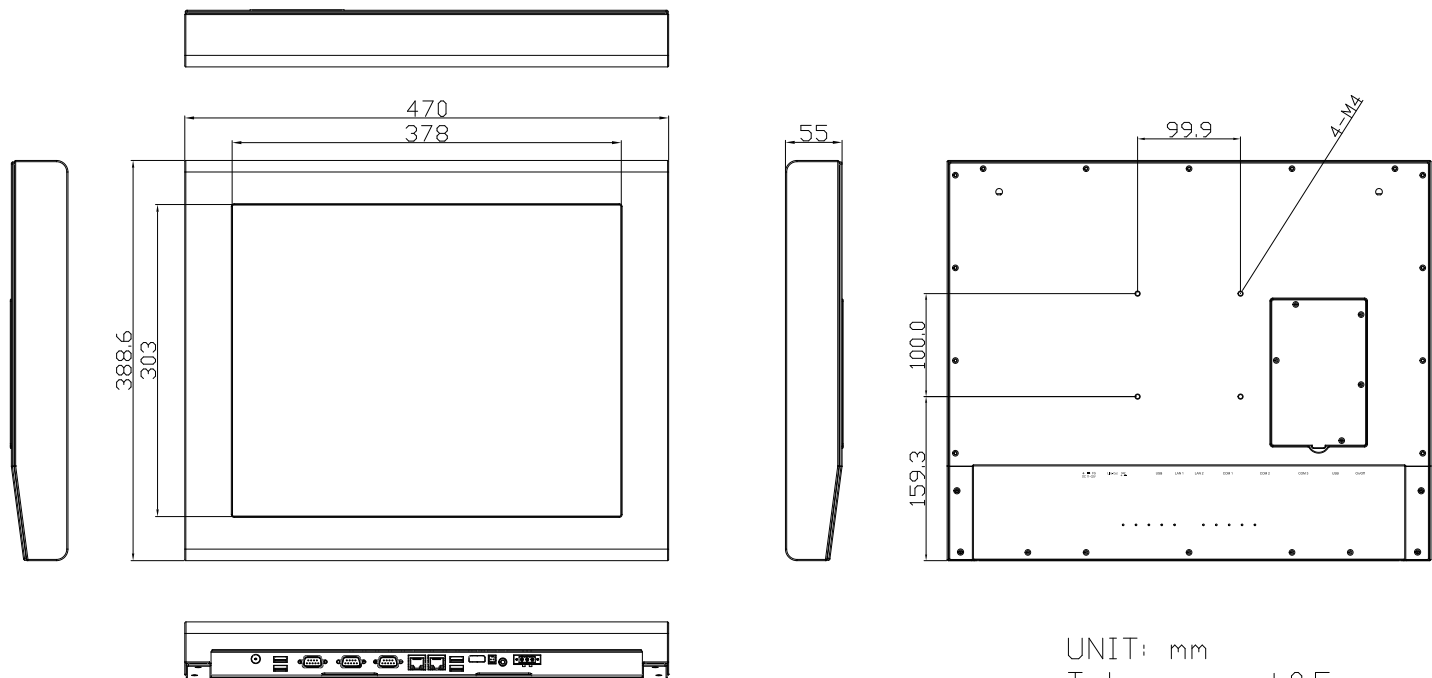
Touch Screen

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	Stainless 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	9.4 kg

Environmental

Operating temperature(°C)	0~50°C
Storage temperature(°C)	-30°C~70°C
Humidity	10 to 95% @ 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
Windows 10 IoT ENT LTSB

Ordering information

APC-3984BT (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, stainless steel enclosure
APC-3984BT-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, stainless steel enclosure