IMP-C120(P)T

12" Ultra slim fanless Panel PC

- **Front panel NEMA 4/IP 65 rating**
- **Intel® Atom™ N2600 1.6 GHz dual-core processor**
- **Resistive or projected capacitive touch screen**
- **Die-cast aluminum housing**
- **32 GB Solid State Disk, SD card slot**
- **9 ~ 36 VDC Power input**

Description

The IMP-C120T and IMP-C120PT are ultra slim industrial panel PCs with a 12" SVGA TFT LCD (330 cd/m^2).
They are powered by an Intel® Atom™ N2600 1.6 GHz processor and offer 2 USB 2.0 ports, 2 COM ports and 2 LAN ports.
The 'T' models are equipped with an analog resistive touch screen while the 'PT' models come with a 7H anti scratch projected capacitive touch screen.
It's a perfect Panel PC for dedicated applications where space is critical, low energy consumption is important and industrial reliability is a must.

Features

- ✓ Completely fanless
- ✓ Panel mount / VESA 75 support
- ✓ Die-cast aluminum front panel (NEMA 4/IP 65 rating) and housing
- ✓ Intel® Atom™ N2600 1.6 Ghz dual-core processor, 2GB RAM
- ✓ Resistive or projected capacitive touch screen
- ✓ LAN, USB, RS232/422/485, audio
- ✓ 32 GB industrial Solid State Disk
- ✓ SD card slot
- ✓ 9 ~ 36 VDC power input
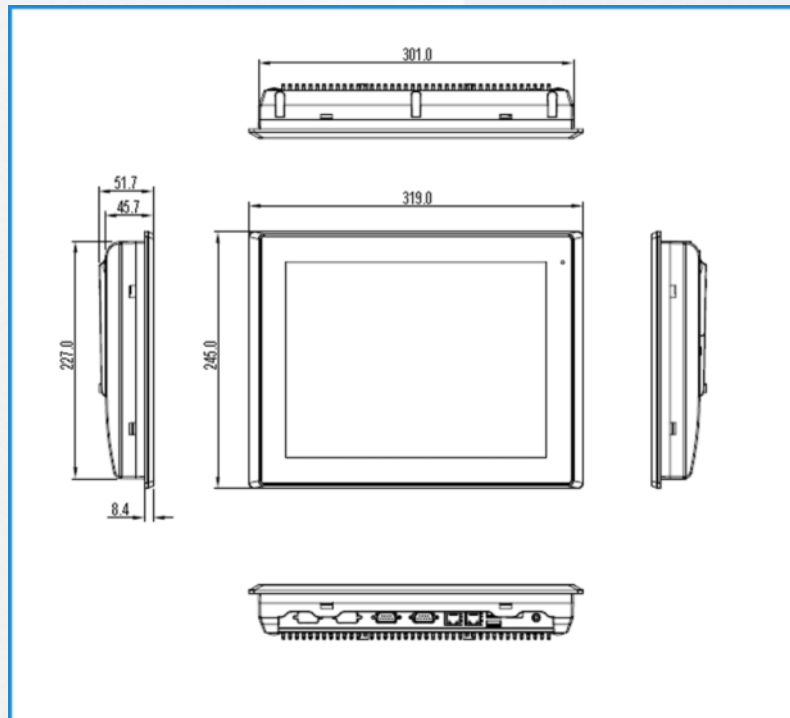- ✓ Optional Windows XP Embedded, Windows 7 Professional

System Specifications

Model	IMP-C120[P]T
Display	12" SVGA TFT, 800 x 600, 330 cd/m², 16.2M colors
Viewing Angle	160º (L/R), 145º (U/D)
Backlight Lifetime	40,000 hrs
Touchscreen	Analog resistive on 'T' models, projected capacitive touch on 'PT' models
CPU Type/Speed	Intel® Atom™ N2600 1.6GHz, 800MHz FSB
Chipset	Intel® NM10
Memory	Onboard 2 GB 800MHz DDR3, max 2 GB
SSD	1 x SD card slot
Hard Drive	32 GB Solid State Disk
I/O Ports	1 x RS-232 COM port, 1 x RS-232/422/485 COM port, audio out, 2 x USB 2.0, 2 x gigabit LAN
Expansion Slots	None
Power Input	9 ~ 36 VDC
Power Consumption	18 W

Mechanical Specifications

Construction	Die-cast aluminum housing and front panel (NEMA4/IP65 rating)
Color	Aluminum
Operating Temperature	0 ~ 50°C
Storage Temperature	-20 ~ 60°C
Vibration	5 - 17Hz, 0.1" double amplitude displacement; 17 - 640Hz, 1.5G acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
EMC	FCC/CE Class A certified
Dimensions (w x d x h)	319 x 245 x 52 mm

Dimensions

Disclaimer: Published configurations and performance specifications are subject to change without prior notice. While due caution has been exercised in the production of this document, possible errors and omissions are unintentional.

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