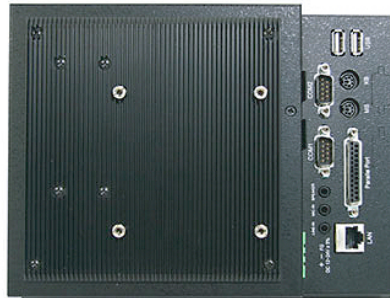# IMP-A082T

8" FANLESS PANEL PC

- ✓ Front Panel NEMA 4/IP 65 rating (Panel mount)
- ✓ Intel® Pentium M 600MHz processor
- ✓ Resistive Touch Screen
- ✓ 12/24 VDC wide-ranging power input

DESCRIPTION

The IMP-A082T is a compact, industrial Panel PC with 8" SVGA TFT LCD (400 cd/m^2). It is powered by an Intel® Pentium M 600Mhz processor. It supports 2 USB 2.0 ports, 2 COM ports, and 1 LAN port. The IMP-A082T operates on 10.8 ~ 32VDC power.
This unit with touch screen is ideal for use as a PC-based controller for automotive applications, logistic processes, material handling, and also suitable for applications in the food, chemicals and medical industry.
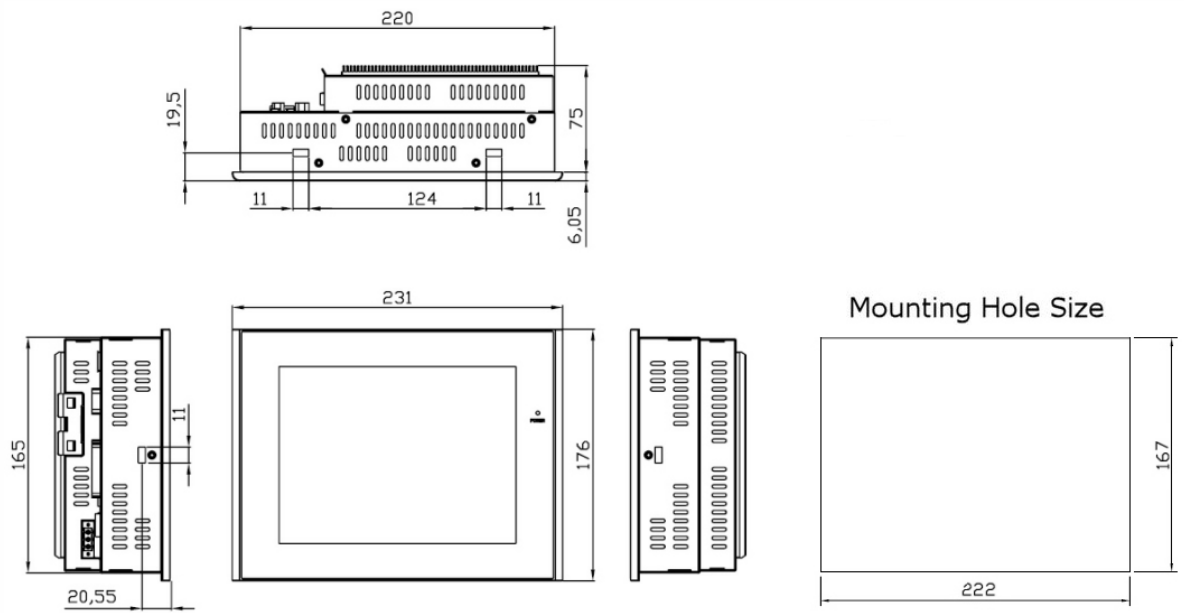
FEATURES

- ✓ Completely fanless
- ✓ Aluminum front panel (NEMA 4/IP 65 rating) and steel housing
- ✓ Panel mount and VESA 75 mounting support
- ✓ Intel® Pentium M 600 MHz processor
- ✓ Low-power consumption
- ✓ Resistive Touch Screen
- ✓ Ethernet 10/100MB / 2 x USB 2.0 ports / 2 x serial
- ✓ CompactFlash slot (Optional)
- ✓ 10.8 ~ 32 VDC wide-ranging input
- ✓ LCD Display: 8" SVGA 800 x 600
  262K Colors, 400 cd/m^2 Luminance
  Viewing angle : 65° (L/R), 55° (U), 65° (D)

IMP-A082T

8" FANLESS PANEL PC

Dimensions:

System Specifications

CPU Type/Speed:	Intel® Celeron M; ULV 600 MHz
Chipset:	Intel® 852GM + ICH4
Memory:	256MB DDR266 SDRAM, Max 1 GB
BIOS:	Phoenix-Award 2MB PnP BIOS
IDE Interface:	UDMA 33/66/100x2
Hard Drive:	2.5" Slim type 40 GB rugged hard disk
I/O ports:	1 x RS232 COM port, 1 x RS323/422/485 COM port, 1 x Parallel, Audio In/Out, 2 x PS/2 (keyboard and mouse), 2 x USB 2.0, 1 x VGA 1 x Ethernet Realtek RTL8100 (10/100Mbps) supports Wake-On-LAN
VGA:	Built-in Intel® 852GM
Expansion Slots:	1 CompactFlash slot (Optional)
Touch Screen:	Resistive

Mechanical Specifications

Construction:	Aluminum front panel (NEMA 4/IP 65 rating) and steel housing
Front Panel Color:	Black
Mounting:	Panel mount and VESA 75 mounting support
Operating Temperature:	0~50°C
Storage Temperature:	-20°C~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
Power Supply:	10.8~32VDC, optional 110-220VAC/60W power supply
Dimensions:	231(W) x 75(D) x 176mm(H)
Weight:	1.4 kg