IMP-A123T

12" FANLESS PANEL PC

- ✓ Front Panel NEMA 4/IP 65 rating (Panel mount)
- ✓ Intel® Celeron M 1.5GHz
- ✓ Resistive Touch Screen
- ✓ 2 PCI expansion slots
- ✓ 12/24 VDC wide-ranging input

DESCRIPTION

The IMP-A123T is a compact, industrial Panel PC with 12" SVGA TFT LCD (300 cd/m^2). It is powered by an Intel® Celeron M 1.5GHz processor. It supports 4 USB 2.0 ports, 2 COM ports, and 1 LAN port. The IMP-A123T operates on 10.8 ~ 28VDC 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
- ✓ Black painted steel front panel* with NEMA 4/IP 65 rating
- ✓ Intel® Celeron M 1.5GHz
- ✓ Low-power consumption
- ✓ Resistive Touch Screen
- ✓ Ethernet 10/100MB / 4 x USB 2.0 ports / 2 x serial
- ✓ 2 PCI expansion slots
- ✓ Slim CD/DVD Combo Drive or optional CD-RW/DVD
- ✓ 10.8 ~ 28 VDC wide-ranging input
- ✓ LCD Display: 12.1" SVGA 800 x 600
      262K Colors, 300 cd/m^2 Luminance
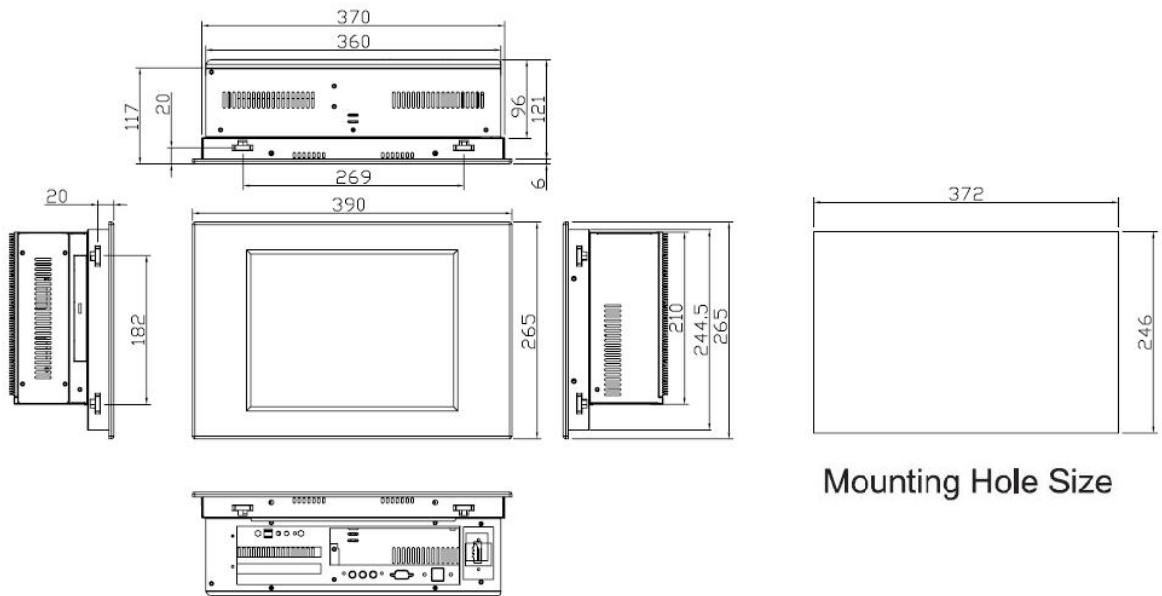   Viewing angle : 120º (H), 95º (V)

* Other colors available on request

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12" FANLESS PANEL PC

Dimensions:

Mounting Hole Size

System Specifications

CPU Type/Speed: Intel® Celeron M; ULV 1.5GHz
Chipset: Intel® 855GME
Memory: 512MB 200-pin SO-DIMM, Max 1 GB
BIOS: Phoenix-Award 2MB PnP BIOS
IDE Interface: UDMA 33/66/100x2
CD-ROM: 1 x Slim CD/DVD/Combo Drive (optional CD-RW/DVD)
Hard Drive: 2.5" Slim Type 40 GB
I/O ports: 1 x RS232 COM port, 1 x RS323/422/485 COM ports ,
1 x Parallel, 2 x PS/2 (keyboard and mouse), 4 x USB 2.0, VGA
1 x Ethernet Realtek RTL8100 (10/100Mbps) supports Wake-On-LAN
VGA: Built-in Intel® 855GM
Expansion Slots : 2 x PCI Slots
Touch Screen: Resistive

Mechanical Specifications

Construction: Heavy-duty steel chassis, IP-65 certified steel front panel
Front Panel Color: Black (other colors or stainless steel available on request)
Mounting: Panel Mount
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: 10.8~28VDC, optional 110-220VAC/60W power supply
Dimensions: 390 mm (W) x 117 mm (D) x 265 mm (H)
Weight: 6.45 kg