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Industrial Micro Computers



IMP-A150T

15" Fanless Panel PC

- ✓ Front Panel NEMA 4/IP 65 rating
- ✓ Intel® Atom N270 1.6 GHz processor
- ✓ Resistive Touch Screen
- ✓ 160GB Industrial Hard Disk
- ✓ CompactFlash card slot
- ✓ 12/24 VDC wide-ranging power input



DESCRIPTION

The IMP-A150T is a compact, industrial Panel PC with a 15" XGA TFT LCD (350 cd/m²). It is powered by an Intel® Atom N270 1.6 GHz processor. It supports 4 USB 2.0 ports, 3 COM ports, and 2 LAN ports.

The IMP-A150T operates on 10.8 ~ 32VDC power.

This unit, equipped with a 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
- ✓ Panel mount / VESA 75 support
- ✓ Steel front panel (NEMA 4/IP 65 rating) and housing
- ✓ Intel® Atom N270 1.6 GHz processor, 1 GB RAM
- ✓ Low-power consumption
- ✓ Resistive touch screen (optional vandal proof SecureTouch touch screen)
- ✓ LAN, USB, RS232/422/485, Audio
- ✓ 160 GB rugged Hard Disk
- ✓ CompactFlash slot
- ✓ 10.8 ~ 32 VDC wide-ranging input

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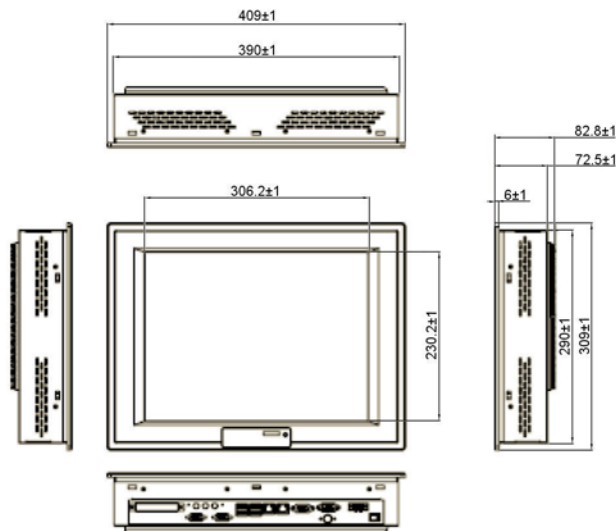
System Specifications

Model:	IMP-A150T
Display:	15" XGA TFT, 1024 x 768, 350 cd/m ² , 16.2M colors
Viewing Angle:	140° (L/R), 125° (U/D)
Backlight Lifetime:	50,000 hrs
Touch Screen:	Resistive
CPU Type/Speed:	Intel® Atom N270 1.6 GHz
Chipset:	Intel® 945GSE + ICH7M
Memory:	1GB DDR2 SDRAM, Max. 2 GB
Hard Drive:	2.5" Slim type 160 GB rugged hard disk
I/O Ports:	2 x RS232 COM port, 1 x RS323/422/485 COM port, Audio In/Out, 4 x USB 2.0, 1 x VGA, 2 x Gigabit LAN
Expansion Slots:	CompactFlash slot
Power Input:	10.8-32VDC / 60W

Mechanical Specifications

Construction:	Steel front panel (NEMA 4/IP 65 rating) and housing
Color:	Black
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
Dimensions (W/H/D):	409 x 309 x 83mm

Dimensions



Upgrades/Accessories

IMU-AMEM4	Upgrade 1GB to 2GB RAM	IMU-A15GFG	Upgrade to SecureTouch touch screen
IMU-IDExxG	Upgrade to xxGB Solid State Disk	IMA-PS1260	110/220VAC Power Supply

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.