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Industrial Micro Computers



IMP-A102T

10.4" Fanless Panel PC

- ✓ Front Panel NEMA 4/IP 65 rating
- ✓ Intel® Celeron Mobile 1.0 GHz processor
- ✓ Resistive Touch Screen
- ✓ 40GB Industrial Hard Disk
- ✓ 12/24 VDC wide-ranging power input



DESCRIPTION

The IMP-A102T is a compact, industrial Panel PC with a 10.4" SVGA TFT LCD (250 cd/m²). It is powered by an Intel® Celeron Mobile 1.0 Ghz processor. It supports 2 USB 2.0 ports, 2 COM ports, and 1 LAN port.

The IMP-A102T 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
- ✓ Aluminum front panel (NEMA 4/IP 65 rating) and steel housing
- ✓ Intel® Celeron Mobile 1.0 GHz processor
- ✓ Low-power consumption
- ✓ Resistive Touch Screen
- ✓ LAN, USB, RS232/422/485, Audio
- ✓ 40 GB rugged Hard Disk
- ✓ CompactFlash slot (Optional)
- ✓ 10.8 ~ 32 VDC wide-ranging input

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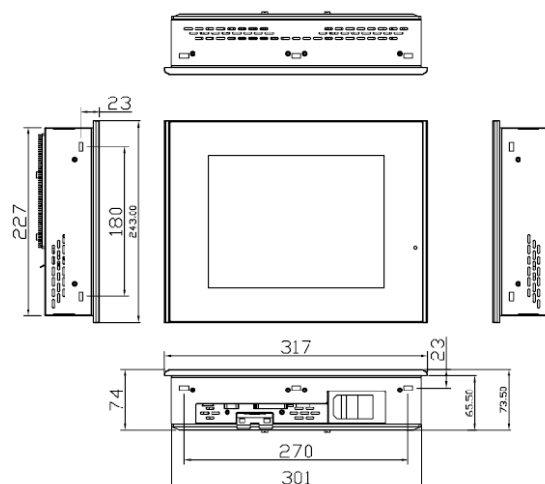
System Specifications

Model:	IMP-A102T
Display:	10.4" SVGA TFT, 800 x 600, 250 cd/m ² , 262K colors
Viewing Angle:	65° (L/R), 55° (U), 65° (D)
Backlight Lifetime:	50,000 hrs
Touch Screen:	Resistive
CPU Type/Speed:	Intel® Celeron M; ULV 1.0 GHz
Chipset:	Intel® 852GM + ICH4
Memory:	512MB 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 Controller:	Built-in Intel® 852GM
Expansion Slots:	None
Power Input:	10.8~32VDC / 60W

Mechanical Specifications

Construction:	Plastic molding front panel (NEMA 4/IP 65 rating) and metal 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):	317 x 243 x 74mm

Dimensions



Upgrades/Accessories

IMU-AMEM2	Upgrade 256MB to 1 GB RAM	IMU-IDExxG	Upgrade to xxGB Solid State Disk
IMU-HD80	Upgrade 40GB to 80GB rugged HD	IMA-PS1260	110/220VAC Power Supply
IMU-HDAUTO	Upgrade to 40GB Automotive HD		

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.