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Industrial Micro Computers



IMP-A1x7T

12"/15"/17"/19" Panel PC

- ✓ Front Panel NEMA 4/IP 65 rating
- ✓ Intel® Core 2 Duo 2.0GHz processor
- ✓ Resistive Touch Screen
- ✓ 160GB Industrial Hard Disk, DVD±RW
- ✓ 2 PCI expansion slots
- ✓ 90~240 VAC wide-ranging input



DESCRIPTION

IMP-A1x7T is a series of compact, industrial Panel PCs with either a 12" SVGA (400 cd/m²), a 15" XGA (450 cd/m²), a 17" SXGA (300 cd/m²) or a 19" SXGA (300cd/m²) TFT LCD.

The systems are powered by an Intel® Core 2 Duo 2.0GHz processor. They support 4 USB 2.0 ports, 3 COM ports and 2 Gigabit LAN ports.

The IMP-A1x7T systems operate on 90 ~240VAC power.

Equipped with a touch screen, they are 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

- ✓ Black painted steel front panel* with NEMA 4/IP 65 rating
- ✓ Intel® Core 2 Duo 2.0 GHz processor, 1 GB RAM
- ✓ Resistive Touch Screen
- ✓ Gigabit LAN, USB, RS232, VGA, Audio
- ✓ 160 GB rugged Hard Disk
- ✓ Slim DVD±RW drive
- ✓ 2 PCI expansion slots
- ✓ 90 ~240 VAC wide-ranging input

* Other colors available on request

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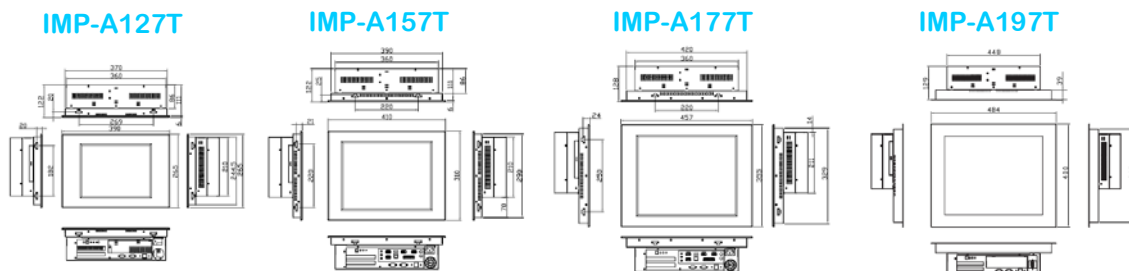
System Specifications

Model:	IMP-A127T	IMP-A157T	IMP-A177T	IMP-A197T
Display:	12" SVGA TFT 800 x 600 400 cd/m ² 262K colors	15" XGA TFT 1024 x 768 450 cd/m ² 16.2M colors	17" SXGA TFT 1280 x 1024 300 cd/m ² 16.2M colors	19" SXGA TFT 1280 x 1024 300 cd/m ² 16.2M colors
Viewing Angle (degrees):	130° (H), 110° (V)	140° (H), 125° (V)	140° (H), 130° (V)	160° (H), 160° (V)
Backlight Lifetime:	50,000 hrs			
Touch Screen:	Resistive			
CPU Type/Speed:	Intel® Core 2 Duo 2.0 GHz			
Chipset:	Mobile Intel® 945GM Express + ICH7M			
Memory:	1 GB DDR2 DIMM, Max. 4 GB			
SATA Interface:	ICH7M Built-in SATA controller, supports 2 ports			
IDE Interface:	ICH7M built-in one channel Ultra DMA 33/66/100,CF			
Optical Drive:	Slim DVD±RW Drive			
Hard Drive:	2.5" Slim type 160 GB rugged hard disk			
I/O Ports:	2 x PS/2 for keyboard & mouse, 3 x RS232, 1 x VGA, 1 x Mic / Line-out, 4 x USB 2.0, 2 X Gigabit LAN			
VGA Controller:	Built-in Intel® 845GM			
Expansion Slots:	2 x PCI			
Power Input:	90-240 VAC / 220W			

Mechanical Specifications

Construction:	Heavy-duty steel chassis, IP-65 certified steel front panel			
Color:	Black front panel (other colors on request) / beige housing			
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):	390 x 265 x 122mm	410 x 310 x 122mm	457 x 355 x 128mm	484 x 400 x 129mm

Dimensions



Upgrades/Accessories

IMU-AMEM4	Upgrade 1GB to 2GB RAM	IMU-A17SS	IMP-A177T upgrade to Stainless Steel front panel
IMU-AMEM5	Upgrade 1GB to 4GB RAM	IMU-A19SS	IMP-A197T upgrade to Stainless Steel front panel
IMU-IDExxG	Upgrade to xxGB Solid State Disk	IMU-A12GFG	IMP-A127T upgrade to SecureTouch
IMU-A12SS	IMP-A127T upgrade to Stainless Steel front panel	IMU-A15GFG	IMP-A157T upgrade to SecureTouch
IMU-A15SS	IMP-A157T upgrade to Stainless Steel front panel	IMU-A17GFG	IMP-A177T upgrade to SecureTouch

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.