



IMP-A1x6T

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

- ✓ Front Panel NEMA 4/IP 65 rating
- ✓ Intel® Core 2 Duo 1.66GHz processor
- ✓ Resistive Touch Screen
- ✓ 160GB Industrial Hard Disk, DVD±RW
- ✓ 2 PCI expansion slots
- ✓ 90~240 VAC wide-ranging input



DESCRIPTION

IMP-A1x6T 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 1.66GHz processor. They support 4 USB 2.0 ports, 3 COM ports and 2 Gigabit LAN ports.

The IMP-A1x6T 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 1.66 GHz processor, 1 GB RAM
- ✓ Resistive touch screen (optional vandal proof SecureTouch 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

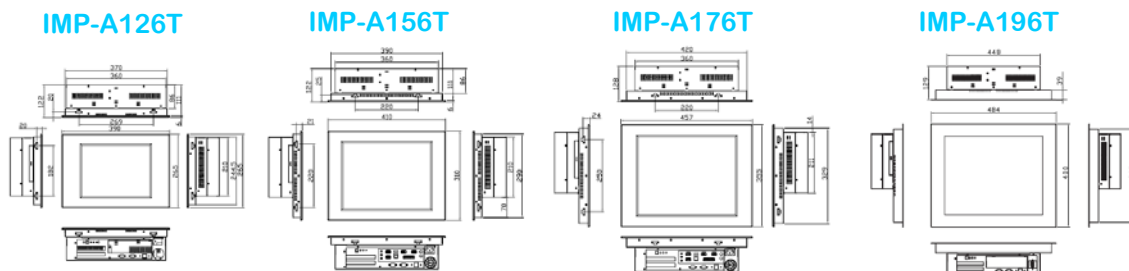
System Specifications

| Model: | IMP-A126T | IMP-A156T | IMP-A176T | IMP-A196T |
|--------------------------|--|--|--|--|
| 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 1.66 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-A176T upgrade to Stainless Steel front panel |
| IMU-AMEM5 | Upgrade 1GB to 4GB RAM | IMU-A19SS | IMP-A196T upgrade to Stainless Steel front panel |
| IMU-IDExxG | Upgrade to xxGB Solid State Disk | IMU-A12GFG | IMP-A126T upgrade to SecureTouch |
| IMU-A12SS | IMP-A126T upgrade to Stainless Steel front panel | IMU-A15GFG | IMP-A156T upgrade to SecureTouch |
| IMU-A15SS | IMP-A156T upgrade to Stainless Steel front panel | IMU-A17GFG | IMP-A176T 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.