



IMP-A19M4T

19" Fanless Marine Panel PC

- ✓ 19" TFT display, 1280 x 1024 resolution
- ✓ Front Panel NEMA 4/IP 65 rating
- ✓ Intel® Pentium Mobile 1.6 GHz processor
- ✓ Resistive Touch Screen
- ✓ Optional brightness control buttons
- ✓ 90~240 VAC wide-ranging power input



DESCRIPTION

The IMP-A19M4T is a fanless industrial Panel PC specially developed for marine applications. It offers a 19" SXGA TFT LCD (300 cd/m²) with resistive touch screen and is powered by an Intel® Pentium Mobile 1.6 GHz processor.

The IMP-A19M4T operates on 90~240VAC power and is equipped with 2 USB 2.0 ports, 2 COM ports, and 1 LAN port.

FEATURES

- ✓ Specially developed for marine applications
- ✓ 19" SXGA TFT display with resistive touch screen.
- ✓ Brightness control buttons on front panel (optional)
- ✓ IEC 60945 approved
- ✓ Completely fanless
- ✓ Gray colored 10mm thick aluminum front panel with NEMA 4/IP 65 rating
- ✓ Stainless steel enclosure with protective coating
- ✓ Intel® Pentium Mobile 1.6 GHz processor, 1 GB RAM
- ✓ Resistive Touch Screen
- ✓ 64 GB Solid State Disk, slim CD-ROM/DVD combo drive
- ✓ LAN, USB, COM, Audio
- ✓ 90~240 VAC wide-ranging power input (optional 12V DC)

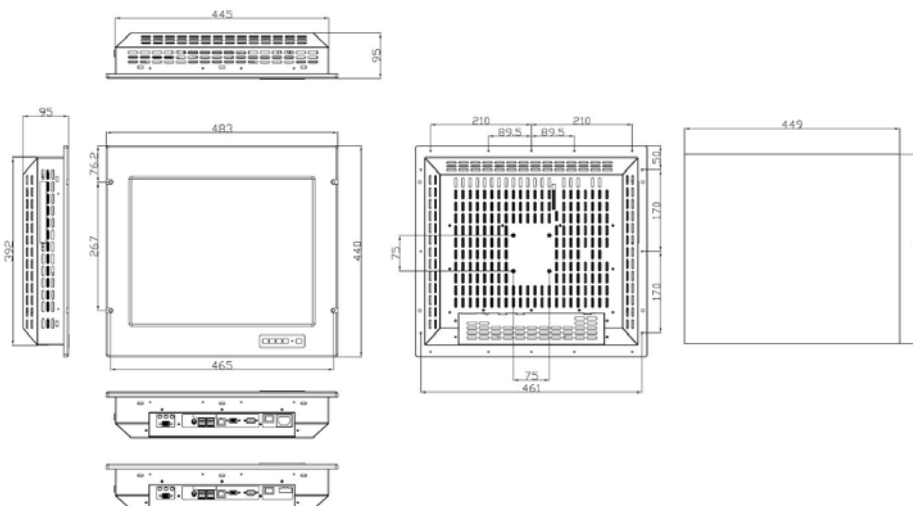
System Specifications

Model:	IMP-A19M4T
Display:	19" XGA TFT, 1280 x 1024, 300 cd/m ² , 16.2M colors
Viewing Angle:	140° (H), 130° (V)
Backlight Lifetime:	50,000 hrs
Touch Screen:	Resistive
CPU Type/Speed:	Intel® Pentium M; ULV 1.6 GHz
Chipset:	Intel® 852GM + ICH4
Memory:	1 GB DDR266 SDRAM
BIOS:	Phoenix-Award 2MB PnP BIOS
IDE Interface:	UDMA 33/66/100x2
Hard Drive:	2.5" Slim type 64 GB Solid State Disk
I/O Ports:	2 x RS232 COM port, Audio In/Out, 2 x PS/2 (keyboard and mouse), 4 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:	90~240VAC / 120W

Mechanical Specifications

Construction:	Stainless steel housing with protective coating & aluminum front panel (NEMA 4/IP 65 rating)
Color:	Gray
Mounting:	Panel & VESA 75 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):	43483 x 440 x 95mm

Dimensions



Upgrades/Accessories

IMU-MDIMM Brightness control buttons

IMU-ADC 11~32VDC Power input

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.