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Industrial Micro Computers



IMP-W224WT

22" Wide Screen Panel PC

- ✓ Front Panel NEMA 4/IP 65 rating
- ✓ Intel® Pentium Mobile 1.7GHz processor
- ✓ Resistive Touch Screen
- ✓ 80GB Industrial Hard Disk, CD-RW/DVD
- ✓ Panel & VESA 100 mount



DESCRIPTION

IMP-W224WT is an industrial Panel PC with a 22" wide screen WSXGA+ (300 cd/m²) TFT LCD. The system is powered by an Intel® Pentium Mobile 1.7 GHz processor. It offers 4 USB 2.0 ports, 3 COM ports, and 2 Gigabit LAN ports.

The IMP-W224WT system operates on 90 ~ 240 VAC power.

Equipped with a touch screen, it 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

- ✓ 22" High Brightness (300 cd/m²) TFT LCD with resolution of 1680x1050
- ✓ Black painted steel front panel* with NEMA 4/IP 65 rating
- ✓ Intel® Pentium Mobile 1.7 GHz processor, 1 GB RAM
- ✓ Low-power consumption
- ✓ Resistive Touch Screen
- ✓ Gigabit LAN, USB, RS232/422/485
- ✓ 80 GB rugged Hard Disk
- ✓ Slim CD-RW/DVD Combo Drive (optional DVD-RW / DVD+RW Drive)
- ✓ 90 ~ 240 VAC wide-ranging input

* Other colors available on request

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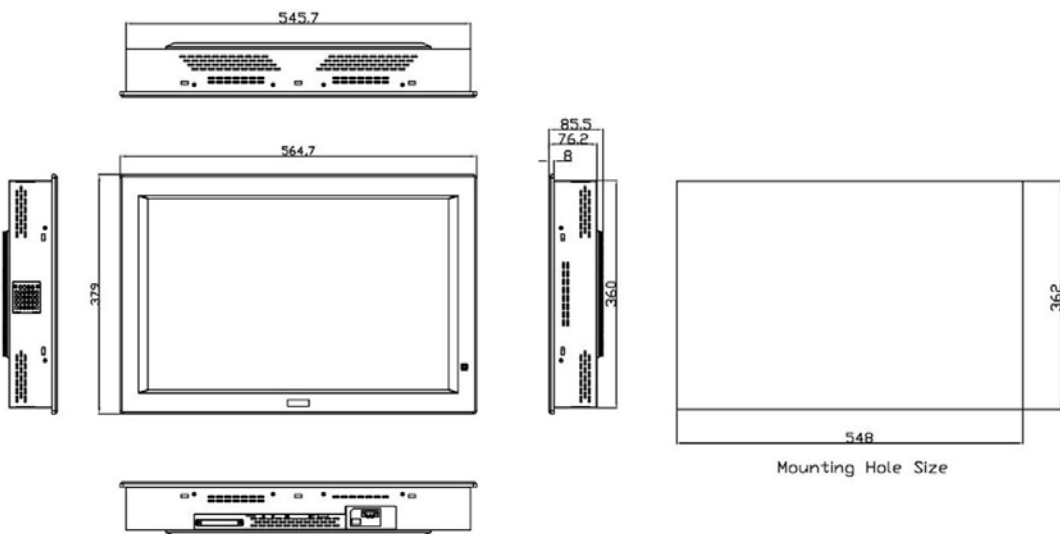
System Specifications

Model:	IMP-W224WT
Display:	22" WSXGA+ TFT 1680 x 1050 300 cd/m ² 16.7M colors
Viewing Angle:	170° (H), 160° (V)
Backlight Lifetime:	50,000 hrs
Touch Screen:	Resistive
CPU Type/Speed:	Intel® Pentium M; ULV 1.7 GHz
Chipset:	Intel® 852GM + ICH4
Memory:	1GB 200-pin SO-DIMM, Max. 2 GB
IDE Interface:	UDMA 33/66/100/133x2
CD-ROM:	Slim CD-RW / DVD Drive
Hard Drive:	2.5" Slim type 80 GB rugged hard disk
I/O Ports:	3 x RS232 COM port, 2 x PS/2 (keyboard and mouse), 4 x USB 2.0, 2 x Gigabit LAN
VGA Controller:	Built-in Intel® 852GM
Power Input:	90 ~ 2450 VAC

Mechanical Specifications

Construction:	Heavy-duty steel chassis, IP-65 certified steel front panel
Color:	Black (other colors on request)
Mounting:	Panel mount / VESA 100
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)
Certificate:	Meet CE/FCC Class A
Dimensions (W/H/D):	565 x 379 x 85.5mm

Dimensions



Upgrades/Accessories

IMU-HDAUTO Upgrade to 40GB Automotive HD
IMU-IDExxG Upgrade to xxGB Solid State Disk

IMU-CD2RW Upgrade to DVD-RW / DVD+RW Drive

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.