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Industrial Micro Computers



## IMP-W171WT

### 17" Wide Screen Panel PC

- ✓ Front Panel NEMA 4/IP 65 rating
- ✓ Intel® Atom N270 1.6GHz processor
- ✓ Resistive Touch Screen
- ✓ 80GB Industrial Hard Disk, CD-RW/DVD
- ✓ Panel & VESA 75/100 mount



### DESCRIPTION

IMP-W171WT is an industrial Panel PC with a 17" wide screen WSXGA (250 cd/m<sup>2</sup>) TFT LCD. The system is powered by an Intel® Atom N270 1.6 GHz processor. It offers 4 USB 2.0 ports, 3 COM ports, and 2 Gigabit LAN ports.

The IMP-W171WT 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

- ✓ 17" High Brightness (250 cd/m<sup>2</sup>) TFT LCD with resolution of 1440 x 900
- ✓ Black painted steel front panel\* with NEMA 4/IP 65 rating
- ✓ Intel® Atom N270 1.6 GHz processor, 1 GB RAM
- ✓ Low-power consumption
- ✓ Resistive Touch Screen
- ✓ Gigabit LAN, USB, RS232
- ✓ 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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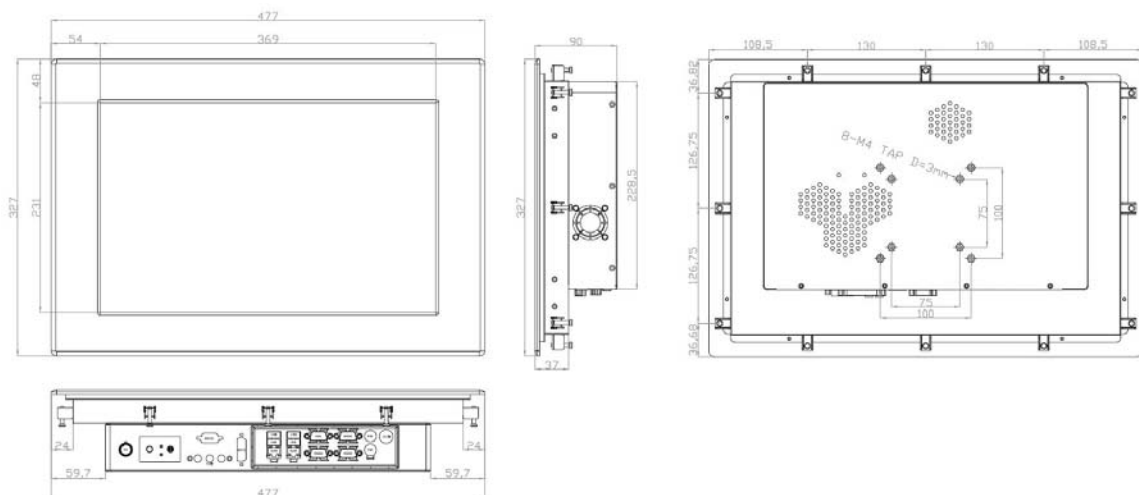
## System Specifications

<b>Model:</b>	<b>IMP-W171WT</b>
<b>Display:</b>	17" WSXGA TFT 1440 x 900 250 cd/m <sup>2</sup> 16.7M colors
<b>Viewing Angle:</b>	80°/80° (L/R), 80°/75° (U/D)
<b>Backlight Lifetime:</b>	50,000 hrs
<b>Touch Screen:</b>	Resistive
<b>CPU Type/Speed:</b>	Intel® Atom N270 1.6 GHz
<b>Chipset:</b>	Intel® 945GSE + ICH7M
<b>Memory:</b>	1GB 240-pin DDR2 DIMM, Max. 2 GB
<b>IDE Interface:</b>	UDMA 33/66/100/133x2
<b>CD-ROM:</b>	Slim CD-RW / DVD Drive
<b>Hard Drive:</b>	2.5" Slim type 80 GB rugged hard disk
<b>I/O Ports:</b>	3 x RS232 COM port, 2 x PS/2 (keyboard and mouse), 4 x USB 2.0, 2 x Gigabit LAN
<b>VGA Controller:</b>	Built-in Intel® 945GSE
<b>Power Input:</b>	90 ~ 2450 VAC

## Mechanical Specifications

<b>Construction:</b>	Heavy-duty steel chassis, IP-65 certified steel front panel
<b>Color:</b>	Black (other colors on request)
<b>Mounting:</b>	Panel mount / VESA 75/100
<b>Operating Temperature:</b>	0~45°C
<b>Storage Temperature:</b>	-20°C~60°C
<b>Vibration:</b>	5 - 17Hz, 0.1" double amplitude displacement; 17 - 640Hz, 1.5G acceleration peak to peak
<b>Shock:</b>	10G acceleration peak to peak (11ms)
<b>Certificate:</b>	Meet CE/FCC Class A
<b>Dimensions (W/H/D):</b>	477 x 327 x 90mm

## 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  
**IMU-AMEM4** Upgrade 1GB to 2GB RAM

**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.