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Industrial Micro Computers



IMW-P31M/41M

Industrial Wallmount Computer

- ✓ Compact wallmount system
- ✓ Industrial mATX motherboard
- ✓ Intel® Core 2 Duo 2.8 GHz or Core 2 Quad 2.5 GHz processor
- ✓ Up to 250 GB SATA300 hard disk
- ✓ DVD-RW / DVD+RW drive, FDD
- ✓ 2 PCI & 1 PCI Express expansion slots



DESCRIPTION

The IMW-P31M/41M are very compact yet powerful wallmount computers. Despite their small dimensions they offer plenty of space for expansion.

The systems are built from high quality materials, designed for continuous operation.

The IMW-P31M/41M systems are ideal for PC-Based control, vision and data acquisition applications.

FEATURES

- ✓ Heavy duty metal chassis
- ✓ Portwell® industrial mATX motherboard
- ✓ Intel® Core 2 Duo 2.8 GHz or Core 2 Quad 2.5 GHz processor
- ✓ Up to 2 GB DDR2-800 RAM
- ✓ Intel® GMCH integrated Graphics Media Accelerator 3000
- ✓ 2-channel audio subsystem
- ✓ Gigabit LAN, USB 2.0, RS232, VGA, DVI, Audio
- ✓ Up to 250 GB SATA Hard Disk, DVD-RW / DVD+RW drive, 3.5" Floppy Disk Drive
- ✓ 2 PCI and 1 PCI Express x4
- ✓ 12cm easy accessible cooling fan with fan filter
- ✓ 90~240 VAC / 400W power supply

Other configurations on request.

Indumicro.com bv | P.O. Box 589 | NL-6710 BD Ede

+31 (0) 318 668 912

sales@indumicro.com | www.indumicro.com

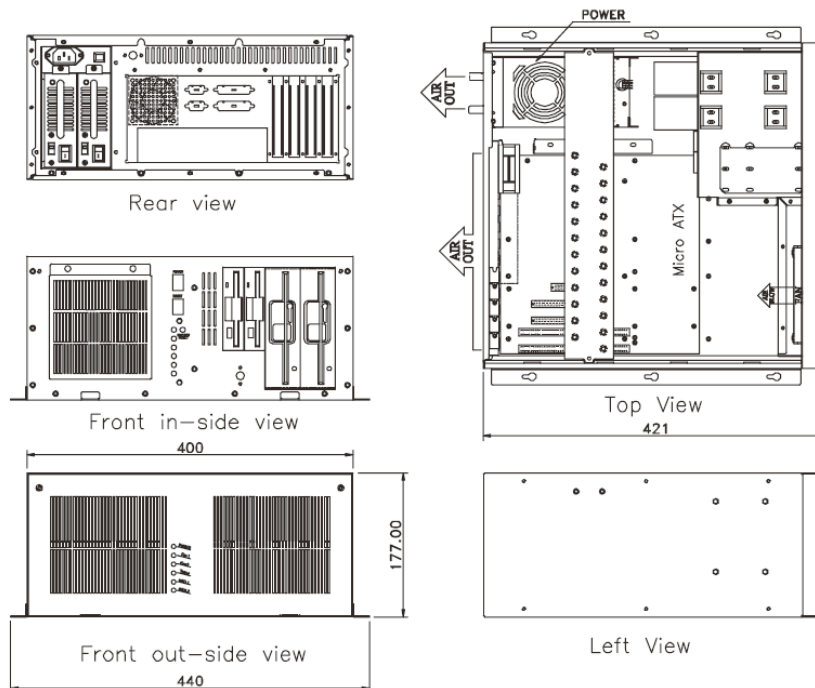
System Specifications

Model:	IMW-P31M	IMW-P41M
Processor Board:	Portwell® RUBY-9717VGAR mATX motherboard	
CPU Type/Speed:	Core 2 Duo 2.8 GHz	Core 2 Quad 2.5 GHz
Memory:	1 GB DDR2-800 RAM (max. 8 GB)	2 GB DDR2-800 RAM (max. 8 GB)
Chipset:	Intel® Q965 and ICH8DO	
Ports:	1 x Gigabit LAN, 2 x USB 2.0, 2 x RS232, 1 x Parallel, keyboard/mouse, VGA, DVI, Audio	
Audio:	HD Audio interface, 2-channel Audio	
VGA:	Integrated Intel® Graphics Media Accelerator 3000	
Drives:	160 GB Industrial HD, 3.5" FDD, DVD-RW / DVD+RW drive	250 GB Industrial HD, 3.5" FDD, DVD-RW / DVD+RW drive
Expansion Slots:	<ul style="list-style-type: none"> •2 x Conventional PCI •1 x PCI Express x4 	
Power Input:	90~240VAC / 400W	

Mechanical Specifications

Construction:	Heavy-duty steel housing
Color:	Black
Mounting:	Wall 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):	400 x 177 x 420mm

Dimensions



Accessories

- IMU-RMEM1** Upgrade 1GB to 2GB memory
- IMU-RMEM2** Upgrade 1GB to 4GB memory
- IMU-RMEM3** Upgrade 2GB to 4GB memory

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.