

MCH-215A

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Industrial Tower & Wall-Mount Chassis Series



Introduction

The MCH-215A is a rugged tower or wallmount chassis featuring a passive backplane with choice of configurations -8-slot ISA or 10-slot PICMG for use in industrial environment. The MCH-215A can also be configured with a low cost baby-AT sized motherboard for commercial use.

The MCH-215A is constructed with heavyduty steel and includes a standard 270W power supply that is UL, CSA and TUV certified.

The MCH-215A contains one high speed cooling fan and four easy-to-maintain front accessible drive bays that are capable of housing one half-height 3.5" and three halfheight 5.25" disk drives.

The MCH-215A is available in a wide range of systems, including slot board computer, motherboard, DRAM, hard drives, and video upgrades. For detailed information, please refer to MiTAC's Configuration Guide.

Features

- Passive backplane with choice of 8-slot ISA, 10-slot PICMG (4 ISA/4 PCI/ 2 PICMG) or baby-AT sized motherboard.
- Tower or wall-mount chassis made of heavy-duty steel.
- 270W power supply that is UL, CSA, TUV, and CE certified.
- One 32.5-CFM cooling fan with easy-to-clean washable air filter.
- Front accessible four-drive bay - one half-height 3.5" and three half-height 5.25".
- Adjustable hold-down clamp for card protection against vibration.

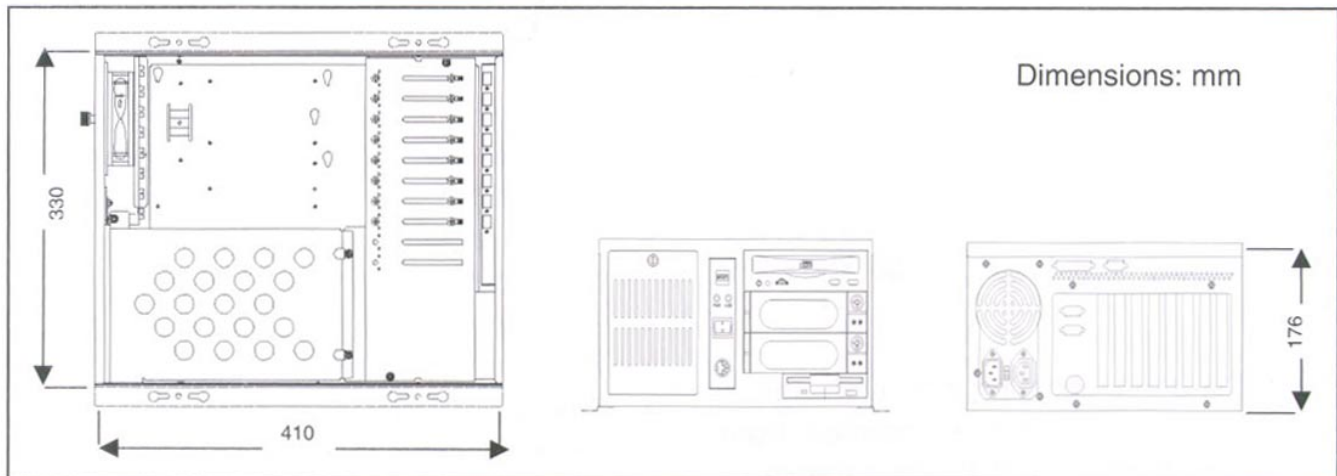
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Specifications

Physical Dimensions	410 x 330 x 176 mm (L x W x H)
Net Weight	Net Weight: 14.5kg Gross Weight: 15.5 Kg
Construction	Heavy-duty steel
Cooling Fan	Dimensions (L x W x H): 80mm x 80mm x 20mm Capacity: 32.5 CFM with washable air filter
Disk Drive Bay	Capable of housing up to four drives, one 3.5" half-height drive and three 5.25" half-height drives are accessible from the front panel
Power Supply	Rated Input: AC115V / @ 6A AC230V / @ 3A Max Switchable AC Output: AC115V / @ 1A AC230V / @ 0.5A Max Switchable Rated Input Frequency: 47 ~ 63 Hz DC Output (Max.): 270 Watt Max. +5V @ 30A

Power Supply (cont.)	+12V @ 10A -5V @ 0.5A -12V @ 0.5A
Add-on Card Bridge and Card Clamp	Flexible card clamp can protect add-on cards from vibration
Switches	Power On/Off switch Reset switch
Connectors	Front Side: One AT keyboard connector Rear Side: One 9-pin and one 25-pin reserved ports
Operating Temperature	0° ~ 55° C (32° ~ 131° F)
Storage Temperature	0° ~ 75° C (32° ~ 167° F)
Operating Humidity	5% - 95%, non-condensing
Storage Humidity	5% - 75%
Altitude	10,000 ft (3000m)
Vibration (operating)	1.5G Max. & 0.1" P-P at 5 to 17.1 Hz
Shock	10G peak acceleration (10 ms duration)
MTBF	50,000 hours
Safety	Meets UL, CSA and TUV approval
EMI	FCC Class A and CE approved

Note: Specification is subject to change without notice.



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