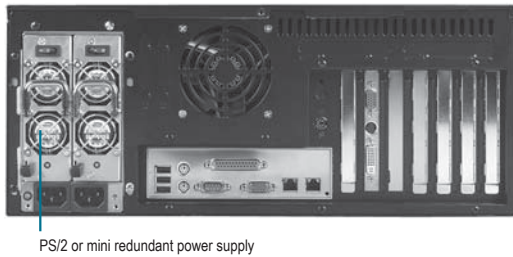
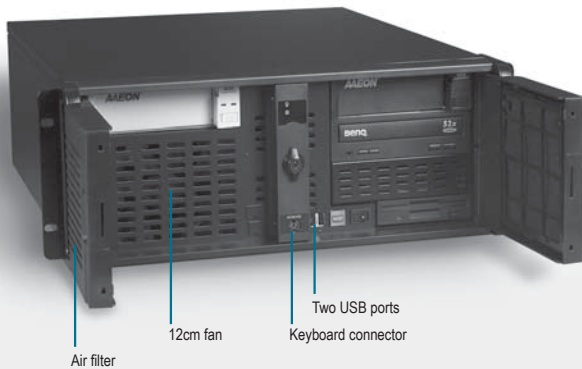
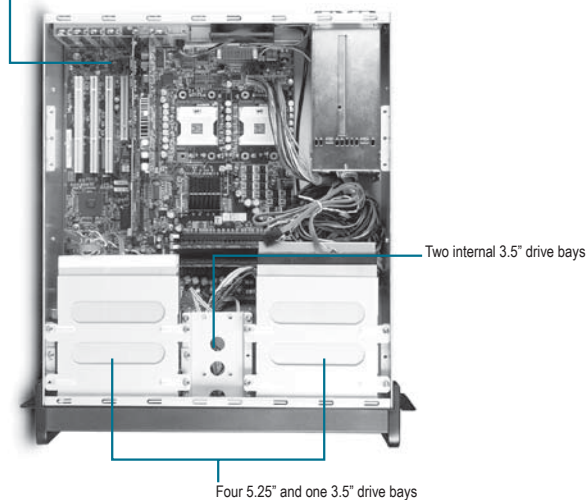


# ARC-645M

## 4U Rackmount Chassis Industrial Main Board Supports



Supports standard motherboard form factors



## Features

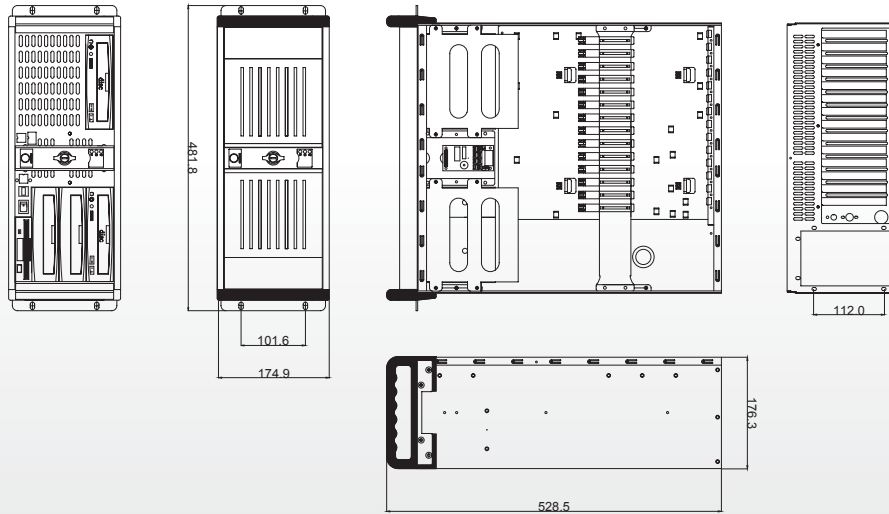
- 4U Height 19" Rackmount Chassis
- Two System Fans Support To Cool-down CPU And Key Component Temperature
- Supports Standard Motherboard ATX, Micro ATX, Server Board Form Factor
- Supports Standard PS/2 AT/ATX And Mini-redundant Power Supplies
- Four 5.25" And One 3.5" Front Accessible Disk Drive Bays
- Two Internal 3.5" Disk Drive Bays For Hard Disks
- Dual Lockable Front Doors For Protecting The Running System
- Two USB Ports And Keyboard Connector On Front Panel

## Specifications

System	
Construction	1.2mm SECC Zinc-coated Steel (Japanese Manufactured)
Storage	External: One 3.5" floppy disk drive Four 5.25" CD-ROMs or removable hard disk drive Internal: Two 3.5" Hard Disks
System Fan	One 12cm fan on front panel, one 8 cm fan on rear side
Front I/O panel	Power ON/OFF Switch X 1 Reset Button X 1 Power ON LED X 1 Hard Disk Drive Active LED X 1 LAN Active LED X 1 USB Ports X 2 PS/2 keyboard connector X 1
Rear I/O panel	AT keyboard connector X 1 Reserved cutout for DB-25 connector X 1
Color	Black
Dimensions	19" (W) x 7" (H) x 20.78" (D) (482mm x 177mm x 528mm)
Carton Size	21.6" (W) x 12.4" (H) x 27" (D) (548mm x 315mm x 685mm)
Net Weight	26.4 lb (12kg)
Gross Weight	30.8 lb (14kg)
Environmental	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 176°F (-20°C ~ 80°C)
Operating Humidity	10 ~ 90%
Storage Humidity	10 ~ 90% @ 40°C, non-condensing
Vibration	0.5G / 5 ~ 500Hz / operation (2.5" Hard Disk Drive) 1.5G / 5 ~ 500Hz / no operation
Shock	15G peak acceleration (11 m sec. duration), operation 30G peak acceleration (11 m sec. duration), non operation
EMC	CE/FCC Class A

Dimension

Unit: mm



Power Supply Options

P/N	TYPE	PFC Support	Input Voltage	Watt	Size
PW-P300-S-00	AT	Non-PFC	Switch 115/230V	300W	PS2
PW-X250-S-00	ATX	Non-PFC	Switch 115/230V	250W	PS2
PW-X300-S-00	ATX	Non-PFC	Switch 115/230V	300W	PS2
PW-S250-S-00	ATX	Passive PFC	Switch 115/230V	250W	PS2
PW-S250-F-00	ATX	Passive PFC	Fixed 230V	250W	PS2
PW-S300-F-00	ATX	Passive PFC	Fixed 230V	300W	PS2
PW-S350-F-00	ATX	Passive PFC	Fixed 230V	350W	PS2

P/N	TYPE	PFC Support	Input Voltage	Watt	Size
PW-Z300-A-00	ATX	Active PFC	Auto 115-230V	300W	PS2
PW-Z300-A-01	ATX	Active PFC	Auto 100-240V	300W	PS2
PW-Z350-A-00	ATX	Active PFC	Auto 115-230V	350W	PS2
PW-Z400-A-00	ATX	Active PFC	Auto 115-230V	400W	PS2
PW-R400-A-00	ATX	Active PFC	Auto 100-240V	400W Redundant	PS2
PW-R460-A-00	ATX	Active PFC	Auto 100-240V	460W Redundant	PS2

Industrial Motherboard Options

CPU Card	CPU Level	Remark
FWB-880M	Socket LGA775, Pentium® 4 / Celeron®-D CPU up to 3.8GHz (533/800/1066)	Recommend with min 300W power supply

Ordering Information

P/N	Description	Remark
ARC-645M-B	Rackmount 4U Chassis, Bare for Motherboard amp; PS2 Power, PS_SW(ATX), Black	

01

Full-size SBC

02

Half-size SBC

03

Industrial Motherboard

04

Industrial Chassis

05

Firewall Platform

06

Industrial Backplanes

07

Daughter Board

08

Embedded Motherboards

09

Mini PCI Modules

10

Sun-readable LCD Monitors

11

Accessories