ARC-645M

4U Rackmount Chassis, Industrial Main Board Support
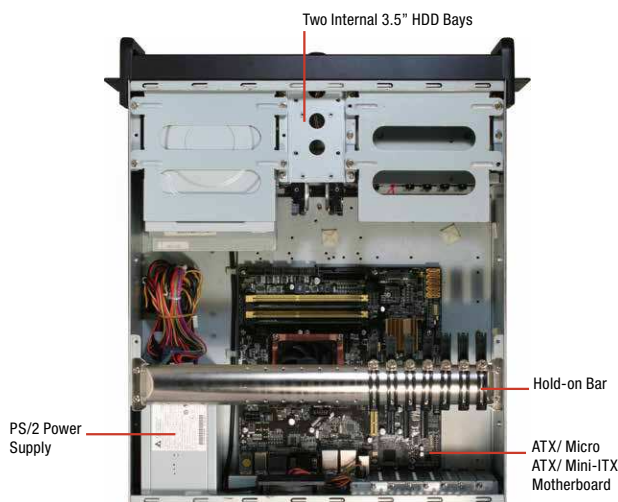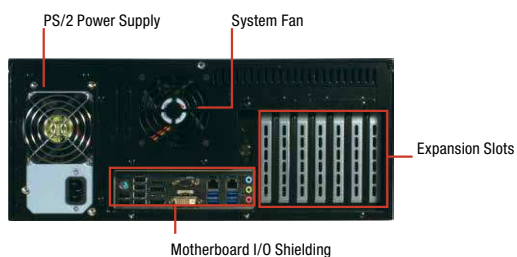
Front View

Power/HDD LED

Three 5.25" and One 3.5" Drive Bays

Power Switch

Reset Switch

Air Filter

USB2.0 Port x 4

Front View

Top View

Two Internal 3.5" HDD Bays

Hold-on Bar

PS/2 Power Supply

ATX/ Micro ATX/ Mini-ITX Motherboard

Rear View

PS/2 Power Supply

System Fan

Expansion Slots

Motherboard I/O Shielding
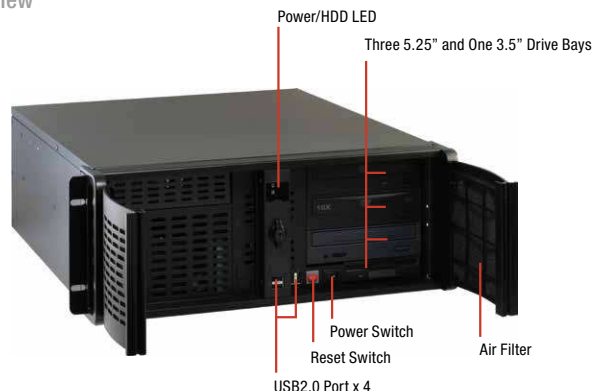
Features

- **4U Height 19" Rackmount Chassis**
- **System Fan x 2, Support Cool Down CPU And Key Component Temperature**
- **Standard Motherboard ATX/ Micro ATX/ Mini-ITX**
- **Standard PS2 AT/ATX**
- **5.25" x 4 and 3.5" x 1 Front Access Drive Bays**
- **3.5" x 2 Internal Drive Bays**
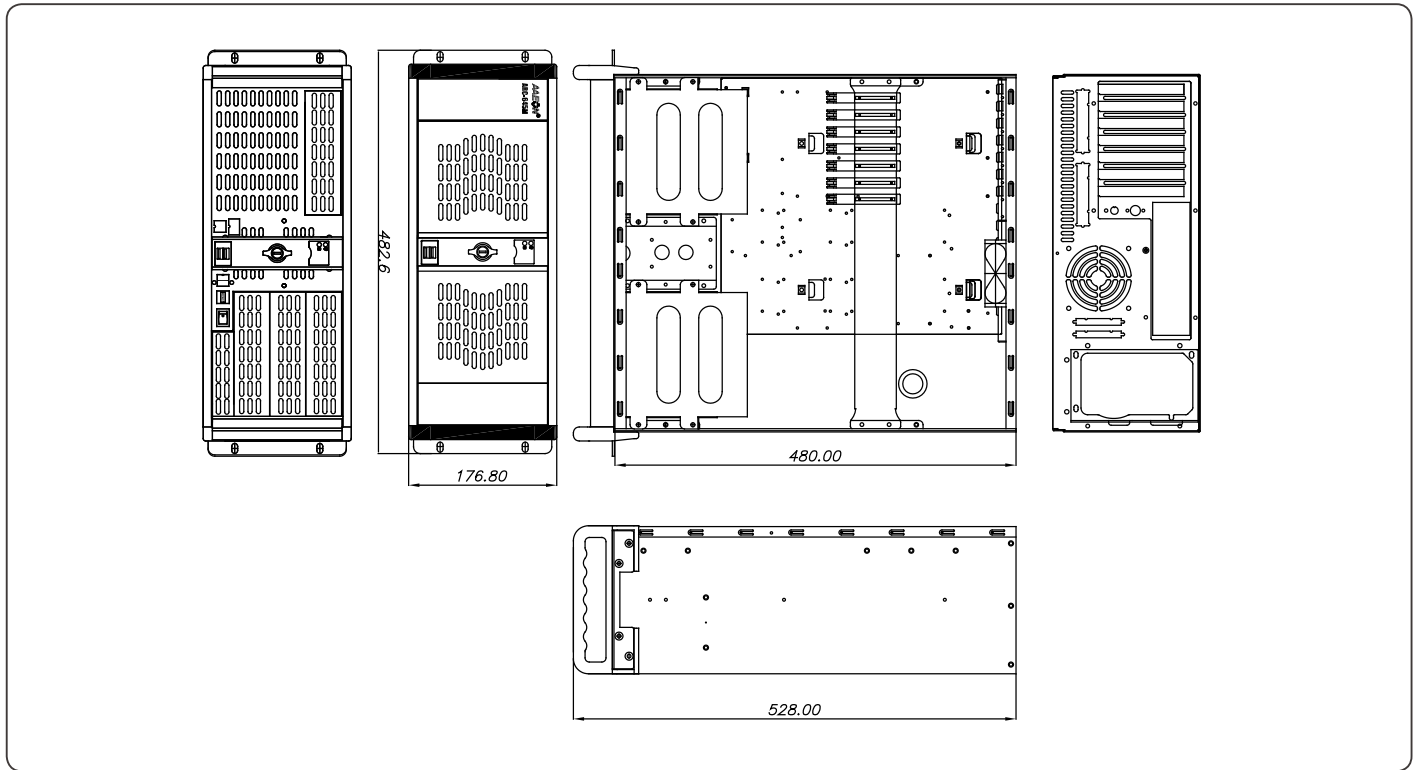- **Dual Lockable Front Doors For Added Protection**
- **USB2.0 x 4 On Front Panel**

CE FC

Specifications

System	
Construction	1.2mm SECC Zinc-coated Steel (Japanese Manufactured)
Storage	External: 3.5" Drive Bay x 1 5.25" Drive Bay x 4 Internal: 3.5" Drive Bay x 2
System Fan	12 cm Fan on Front Panel x 1, 8 cm Fan On Rear Side x 1
Front Panel	Power ON/OFF Switch x 1 Reset Button x 1 Power ON LED x 1 Hard Disk Drive Active LED x 1 USB Port x 4
Rear Panel	AT Keyboard Cut-out x 1 Reserved Cut-out for DB Connector x 4 7 Slots, supports max. 312 mm (length) for expansion card
Color	Black
Dimensions	19" (W) x 7" (H) x 20.8" (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 (12 kg)
Gross Weight	30.8 lb (14 kg)
Environmental	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 176°F (-20°C ~ 80°C)
Storage Humidity	10 ~ 90% @ 40°C, non-condensing
Vibration	0.5 Grms/ 5 ~ 500Hz/ operation (2.5" Hard Disk Drive) 1.5 Grms/ 5 ~ 500Hz/ non operation
Shock	15 G peak acceleration (11 m sec. duration), operation 30 G peak acceleration (11 m sec. duration), non operation
EMC	CE/FCC Class A

Note: All specifications are subject to change without notice.

Dimension

Unit: mm

482.6
176.80
480.00
528.00

Power Supply Options

P/N	TYPE	PFC Support	Input Voltage	Watt	Size
1255304003	ATX	Active PFC	Auto 90 ~ 264V	400W	PS2
AP-PS1255305000	ATX	Active PFC	Auto 90 ~ 264V	500W	PS2

Industrial Motherboard Options

CPU Card	CPU Level	Remark
IMBA-H61A	Socket LGA1155, Intel® 2nd/3rd Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 300W Power supply
IMBA-Q87A	Socket LGA1150, Intel® 4th Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 400W Power supply
IMBM-B75A	Socket LGA1155, Intel® 2nd/3rd Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 400W Power supply
IMBM-Q67	Socket LGA1155, Intel® 2nd Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 300W Power supply
IMBM-H61A	Socket LGA1155, Intel® 2nd/3rd Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 300W Power supply
IMBM-H61B	Socket LGA1155, Intel® 2nd/3rd Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 300W Power supply
IMBM-Q87A	Socket LGA1150, Intel® 4th Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 400W Power supply
IMBM-Q87B	Socket LGA1150, Intel® 4th Generation Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 400W Power supply
IMBA-Q77	Socket LGA1155, Intel® 3rd Generation Core™ i3/i5/i7 CPU, TDP95W	Recommend with Min. 400W Power Supply
IMBA-967	Socket LGA1155, Intel® Core™ i3/i5/i7 CPU, TDP 95W	Recommend with Min. 400W Power Supply

Ordering Information

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

CPU Cooler Options

Model/Name	Description
175920000D	LGA1155/1150 CPU Cooler (2U)
1759218000	LGA1155/1150 CPU Cooler (1.5U)
175920000G	LGA775 CPU Cooler
1759200335	LGA775 CPU Cooler

Note: All specifications are subject to change without notice.