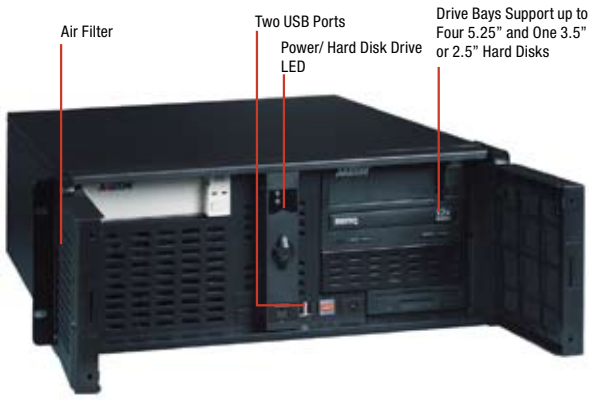
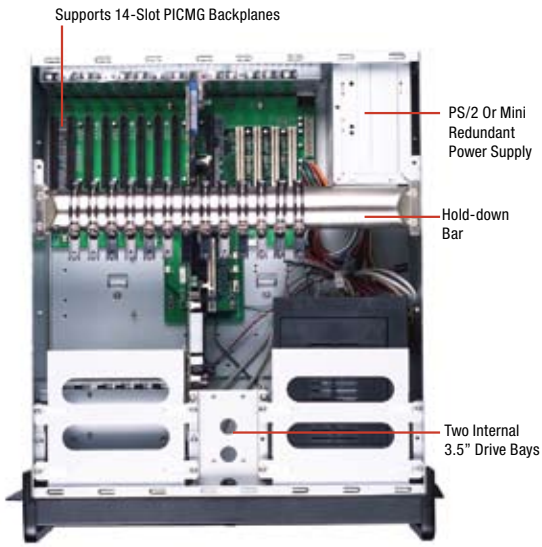
ARC-645

4U 14-Slot Rackmount Chassis, Full-Size/ Half-Size CPU Cards Support







Features

- **4U Height 19" Rackmount Chassis**
- **14-Slot ISA/ PICMG Bus Passive Backplanes**
- **Standard PS2 AT/ATX Or Mini-Redundant Power Supply**
- **5.25" x 4 And 3.5"/2.5" x 1 Front Access Drive Bay**
- **3.5" x 2 Internal Drive Bay**
- **Dual Lockable Front Doors For Added Protection**
- **USB2.0 x 2 And Keyboard Connector x 1 On Front Panel**

CE FC

Specifications

System	
Construction	1.2 mm SECC Zinc-coated Steel
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 Ball Bearing Fan with Removable Filter 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 LAN LED x 1 USB Port x 2 PS/2 Keyboard x 1
Rear Panel	AT Keyboard Connector x 1 Reserved Cut-out for DB-25 Connector x 1
Color	Black
Dimensions	19" (W) x 20.8" (D) x 7" (H) (482mm x 528mm x 177mm)
Carton Size	21.6" (W) x 27" (D) x 12.4" (H) (548mm x 685mm x 315mm)
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)
Operating Humidity	10 ~ 90%
Storage Humidity	10 ~ 90% @ 40°C, non-condensing
Vibration	0.5 g rms/ 5 ~ 500 Hz/ operation (2.5" Hard Disk Drive) 1.5 g rms/ 5~ 500 Hz/ 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

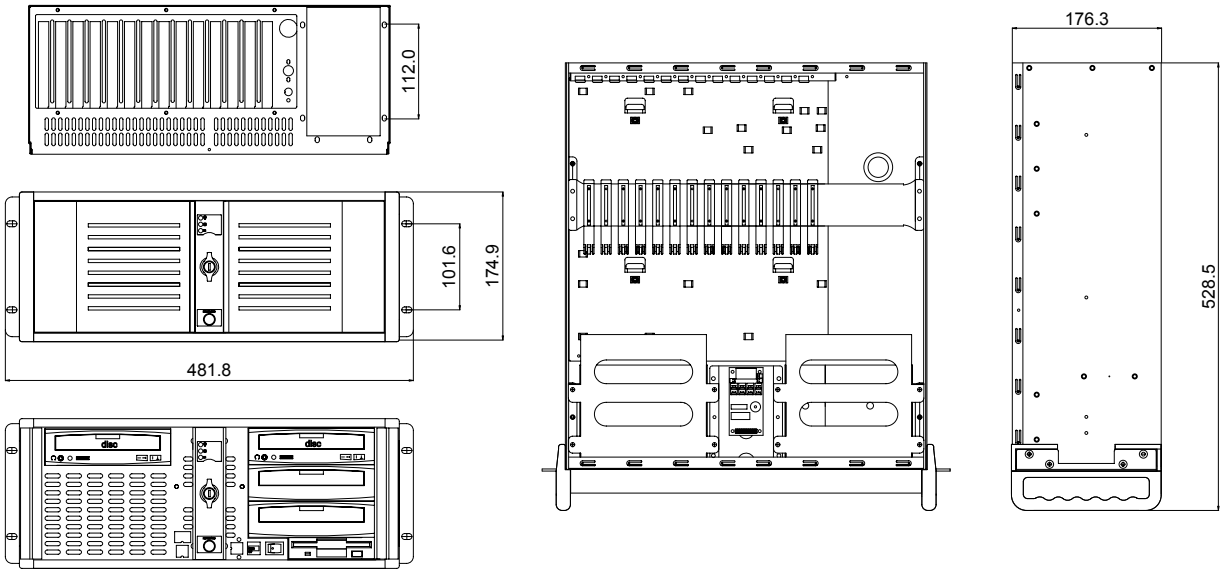
AAEON® an ASUS assoc. co.

Note: All specifications are subject to change without notice.

ARC-645

Dimension

Unit: mm



Power Supply Options

P/N	TYPE	PFC Support	Input Voltage	Watt	Size
1757940014	ATX	Active PFC	Auto 100-240V	400W	PS2
TF-PW-R460-A-00	ATX	Active PFC	Auto 100-240V	460W Redundant	PS2

Passive Backplane Options

P/N	Description	Master Interface	Slots	Power Connector, ATX Extend Function
TF-BP-214SH-P3E2I6	Rackmount, PICMG 1.3, 14-Slot Backplane, 3 PCI, 2 PCI-E, 6 ISA, Single Segment, ATX	PICMG 1.3	3/2/6/2 (PCI/PCI-E/ISA/PICMG 1.3)	ATX
TF-BP-208RH-P4E3	Rackmount, PICMG1.3 8-Slot Backplane, 4 PCI, 3 PCI-E, Single Segment, ATX	PICMG 1.3	4/3/2 (PCI/ PCI-E/ PICMG1.3)	ATX
TF-BP-214SG-P4	Rackmount, PICMG 14-Slot Backplane, 4 PCI/ 8 ISA, Single Segment, AT/ATX, Bulk Pack	PICMG	4/9/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-214SG-P7	Rackmount, PICMG 14-Slot Backplane, 7 PCI/ 5 ISA, Single Segment, AT/ATX, Bulk Pack	PICMG	7/6/2 (PCI/ ISA/ PICMG)	ATX
TF-BP-214SG-P12	Rackmount, PICMG 14-Slot Backplane, 12 PCI/ 1 ISA, Single Segment, AT/ATX, Bulk Pack	PICMG	12/1/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend

CPU Card Options

Model/Name	CPU Level	Master Interface
TF-FSB-G41H	Socket LGA 775, Intel® Core™ 2 Duo/ Core™ 2 Quad (800/1066/1333)	PICMG 1.3
TF-FSB-960H	Socket LGA 775, Intel® Core™ 2 Duo/ Core™ 2 Quad (800/1066/1333)	PICMG 1.3
TF-FSB-860B	Socket 478, Intel® P4/ Celeron® up to 3.06 GHz (400/533 MHz)	PICMG
TF-FSB-868G	Socket LGA 775, Intel® P4/ P-D/ Celeron® D/ Core™ 2 Duo (533/800/1066 MHz)	PICMG

Ordering Information

Model/Name	Description
TF-ARC-645-B	Rackmount 4U Chassis, Bare for 14-Slot Backplane, PS2 Power, PS_SW (ATX), Black