

# ARC-645M

4U Rackmount Chassis, Industrial Main Board Support

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Industrial Chassis - Rackmount

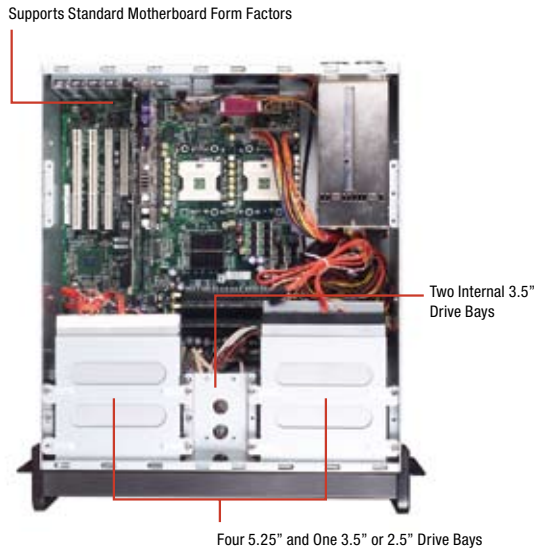
Front View



Rear View



Top View



## Features

- 4U Height 19" Rackmount Chassis
- System Fan x 2 Support Cool Down CPU And Key Component Temperature
- Standard Motherboard ATX, Micro ATX
- Standard PS2 AT/ATX Or Mini-Redundant Power Supply
- 5.25" x 4 And 3.5"/2.5" 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



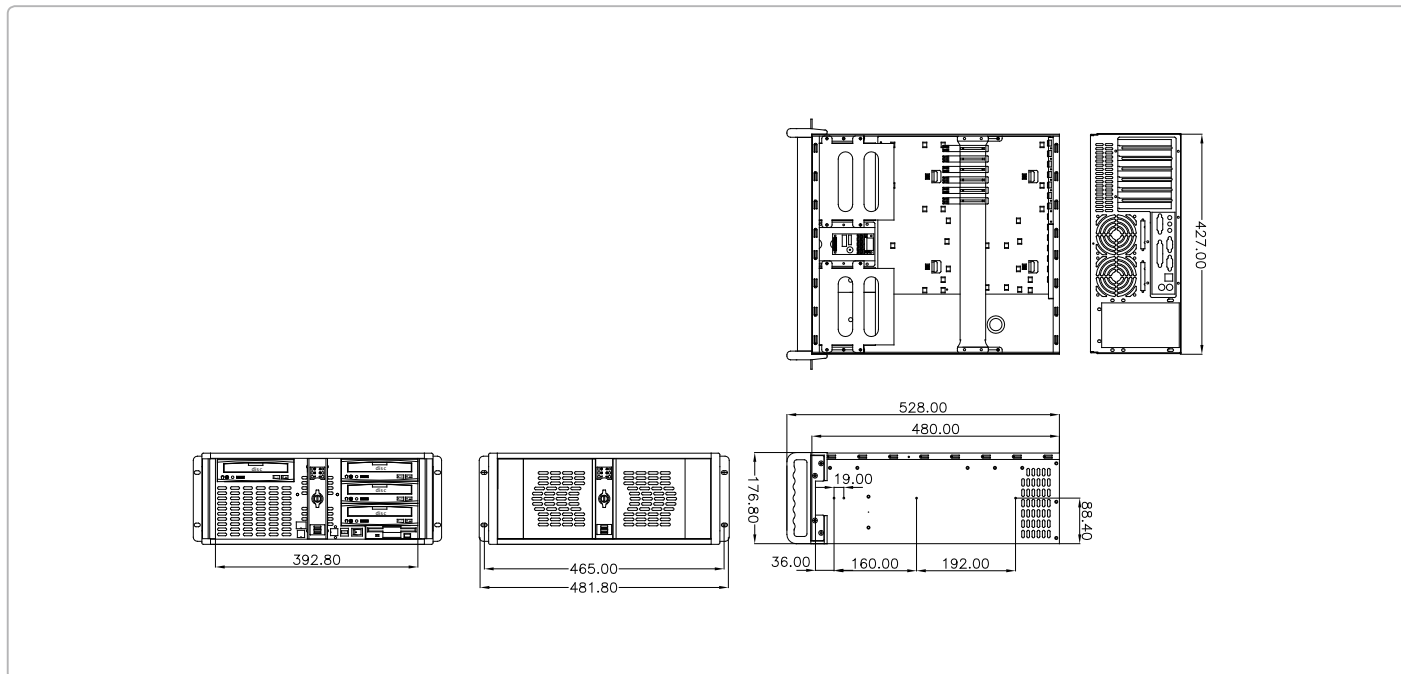
## Specifications

| System                |  |
|-----------------------|--|
| Construction          | 1.2mm SECC Zinc-coated Steel (Japanese Manufactured)   |
| Storage               | External: 3.5" Drive Bay x 1   |
|                       | Internal: 5.25" Drive Bay x 4<br>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<br>Reset Button x 1<br>Power ON LED x 1<br>Hard Disk Drive Active LED x 1<br>LAN Active LED x 1<br>USB Port x 2<br>PS/2 Keyboard Connector x 1 |
| Rear Panel            | AT Keyboard Connector x 1<br>Reserved Cut-out 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 (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   |

# ARC-645M

## Dimension

Unit: mm



## Power Supply Options

| P/N        | TYPE | PFC Support | Input Voltage | Watt | Size |
|------------|------|-------------|---------------|------|------|
| 1757940014 | ATX  | Active PFC  | Auto 100-240V | 400W | PS2  |

## Industrial Motherboard Options

| CPU Card | CPU Level  | Remark                                |
|----------|--|---------------------------------------|
| 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 |
| IMBA-910 | Socket LGA775, Intel® Pentium® D/ Core™ 2 Duo CPU, TDP 95W       | Recommend with Min. 400W Power Supply |
| IMBA-880 | Socket LGA775, Intel® Pentium® 4/ Celeron® D CPU, TDP 95W        | Recommend with Min. 400W Power Supply |
| IMBM-935 | Socket LGA775, Intel® Core™ 2 Duo/ Core™ 2 Quad, TDP 95W         | Recommend with Min. 400W Power Supply |
| IMBM-700 | VIA C7™ 1.0 GHz onboard (FSB 400 MHz)                            | Recommend with Min. 400W Power Supply |

## Ordering Information

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