AX6145

4U 14-slot Rackmount Chassis

Features

- Two 5.25" and two 3.5" HDD drive bays
- Two 8 cm ball-bearing fans
- Supports 14-slot backplane or ATX MB
- 427 mm (16.8") depth suitable for undersized rack cabinet

Hold-on clamp bar with adjustable clips to secure add-on cards in different height

427 mm
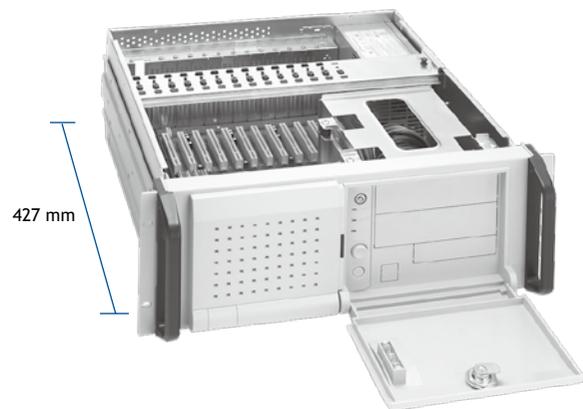
Designed for undersized rack

Top view
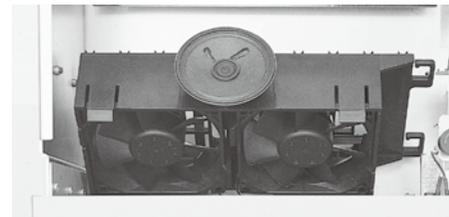
Two 8 cm ball-bearing fans equipped

Specifications

Standard Color	Beige	Expansion Interface	14-slot backplane
Construction	Heavy-duty cold-rolled steel	Speaker	1 x 0.25W speaker
Drive Capacity	Exposed 2 x 5.25" HDD drive bay and 1 x 3.5" HDD drive bay; Internal 1 x 3.5" HDD drive bay	Operating Temperature Range	0°C ~ 40°C (32°F ~ 104°F)
Cooling	2 x 8 cm ball-bearing fans (42.5 CFM/each) with a removable filter	Dimensions	482.6 mm (19") (W) x 427 mm (16.8") (D) x 177 mm (7") (H)
Front Panel Indicators	1 x power on/off; 1 x HDD	Weight (net/gross)	15 kg (33.07 lb)/16.3 kg (35.94 lb)
Front Panel Controls	1 x power on/off; 1 x system reset		
Front Panel Connectors	1 x DIN 5-pin keyboard		
Pre-punched Rear Panel	2 x 9-pin; 1 x DIN 5-pin keyboard		
System Board	SBCs or 12" x 9.6" ATX MB or IMB series		

* All specifications and photos are subject to change without notice.

Power Supply Specifications

Items	Watt	Specifications		MTBF
		Input	Output	
PS300-XP2	ATX 300W (PFC)	Slide Switch (115V_{AC}/230V_{AC})	+5V @ 30/21.5A +12V @ 15A -12V @ 0.8A +3.3V @ 15/28A +5V_{SB} @ 2A -5V @ 0.3A	100,000 hours
PS400-XP2	ATX 400W (PFC)	AC 90~264V (Auto)	+5V @ 20 A +12V1 @ 16 A +12V2 @ 16 A -12V @ 0.5 A +3.3V @ 20 A +5V_{SB} @ 2.5 A	100,000 hours
PS500-XP2	ATX 500W (PFC)	AC 90~264V (Auto)	+5 V @ 24A +12 V @ 34A +12 V1 @ 17A +12 V2 @ 17A -12 V @ 0.8A +3.3 V @ 24A +5 V_{SB} @ 2.5A	100,000 hours

Ordering Information

AX6145T(W)B/X400	14-slot version, with ATX 400W power supply
AX6145T(W)B/X300	14-slot version, with ATX 300W power supply
AX6145T(W)M/X400	MB version, with ATX 400W power supply
AX6145T(W)M/X300	MB version, with ATX 300W power supply

* Specifications and certifications are limited to optional.

** T-Black color; W-Beige color

Backplane Options

PICMG 1.0

Models	Slots per Segment (ISA/PCI/CPU)	Segment
ATX6022/13L	8/4/1	Single
ATX6022/14G	1/12/1	Single
ATX6022/14D	2/4/1	Dual
ATX6022/14GP7	6/7/1	Single
ATX6022/14	9/4/1	Single

PICMG 1.3

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
FAB100	4/4/5/1	Single
FAB101	0/13/0/1	Single
FAB114	0/8/4/1	Single

Dimensions

Rear view

Top View

Right-side View

Front out-side view