

# AX60630

Embedded MicroBox for Mini ITX SBC



▲ Front view

- Designed for Mini ITX SBC
- One 2.5" HDD supported
- Wall mount
- Slim design with 2 system fans
- Quick customization project supported



▲ Rear view

1 x COM (Optional)

Standard I/O opening for Mini-ITX SBC

## Specifications

Standard Color	Black
Construction	Heavy-duty cold-rolled steel
Indicator	1 x blue LED for system power-on
Front Panel I/O	N/A
Rear Panel I/O	1 x Standard Mini ITX I/O bracket space 1 x Power Button 1 x COM (Optional)
Expansion Interface	N/A
Drive Capacity	1 x 2.5" HDD
Cooling	40 x 40 mm system fan x 2
Power Supply	12V, 60W
Dimensions	259.5 mm (10.22") (W) x 186 mm (7.32") (D) x 58.5 mm (2.30") (H)
Environment	EMI pre-scan meets EN55022 Class A

## Applications

Wallmount PC controller  
Embedded PC controller  
Unattended controller  
Compact industrial PC  
POS  
Digital Signage

## Packing List

1 x AC power cord, 1 x 60W AC Adapter

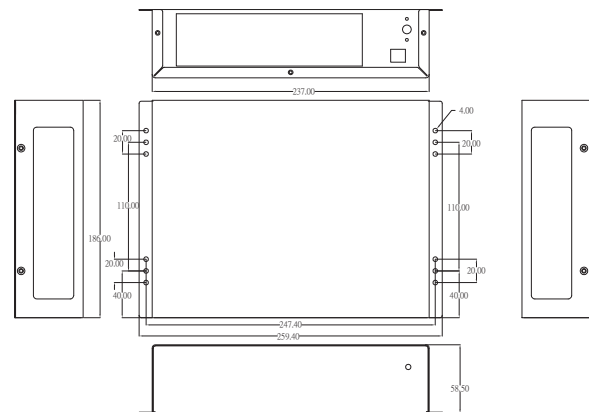
## Ordering Information

Standard	
AX60630	Embedded MicroBox for Mini ITX SBC

SBC Options	
MAN0842/MAN0840/MAN0300	

## Dimensions



Архангельск (8182)63-90-72  
Астана +7(7172)727-132  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Казань (843)206-01-48

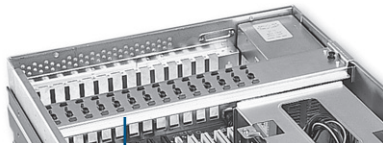
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78

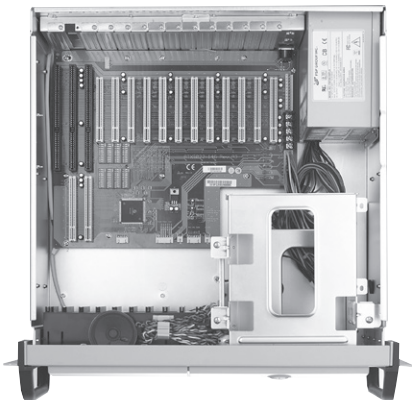
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

# AX6145

4U 14-slot Rackmount Chassis



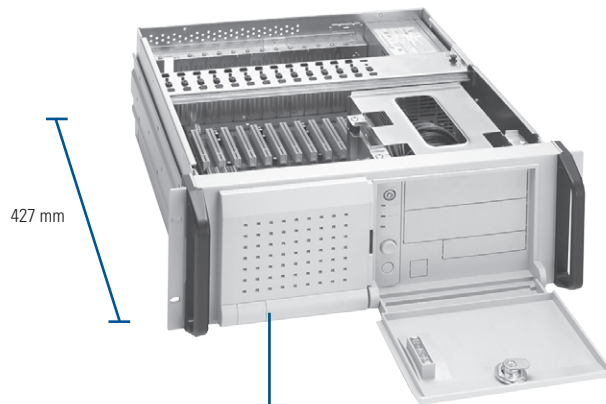
Hold-on clamp bar with adjustable clips to secure add-on cards in different height



▲ Top view

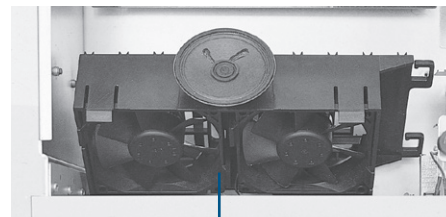
## Features

- 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



427 mm

Designed for undersized rack



Two 8 cm ball-bearing fans equipped

## Specifications

Standard Color	Beige
Construction	Heavy-duty steel
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
Cooling	2 x 8 cm ball-bearing fans (42.5 CFM/each) with a removable filter
Front Panel Indicators	1 x power on/off; 1 x HDD
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

Expansion Interface	14-slot backplane
Speaker	1 x 0.25W speaker
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
RangeDimensions	482.6 mm (19") (W) x 427 mm (16.8") (D) x 177 mm (7") (H)
Weight (net/gross)	15 kg (33.07 lb)/16.3 kg (35.94 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications		MTBF
			Output		
PS302-XP2	ATX 300W (PFC)	AC100-240V (Auto)	+5V @ 16A	100,000 hours	
			+12V1 @ 17A		
			+12V2 @ 17A		
			+3.3V @ 19A		
			+5VSB @ 2.5A		
PS400-XP2	ATX 400W (PFC)	AC 90-264V (Auto)	+5V @ 20 A	100,000 hours	
			+12V1 @ 16 A		
			+12V2 @ 16 A		
			-12V @ 0.5 A		
			+3.3V @ 20 A		
PS500-XP2	ATX 500W (PFC)	AC 90-264V (Auto)	+5V @ 24A	100,000 hours	
			+12 V @ 34A		
			+12 V1 @ 17A		
			+12 V2 @ 17A		
			-12 V @ 0.8A		
+3.3 V @ 24A					
+5 VSB @ 2.5A					

## Backplane Options

### PICMG 1.0

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/13L	8/4/1	Single
ATX6022/14G	1/12/1	Single
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
FAB112	0/10/2/1	Single
FAB113	0/4/8/1	Single
FAB114	0/8/4/1	Single
FAB118	0/7/6/1	Single
FAB119	0/10/2/1	Single

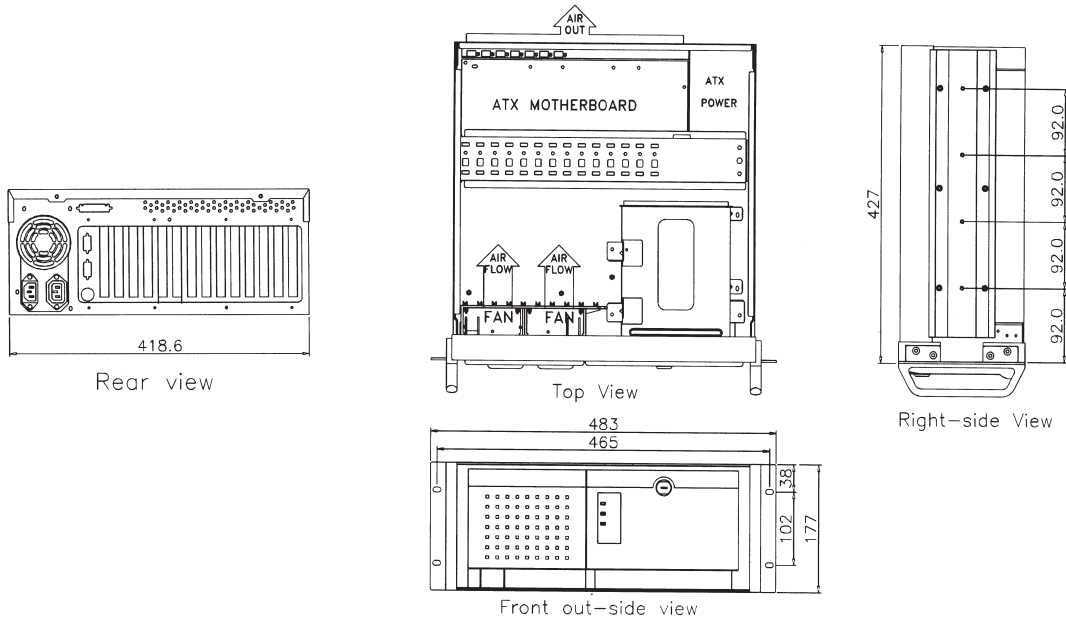
## Ordering Information

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 based on options and may vary.

\*\* T-Black color; W-Beige color

## Dimensions

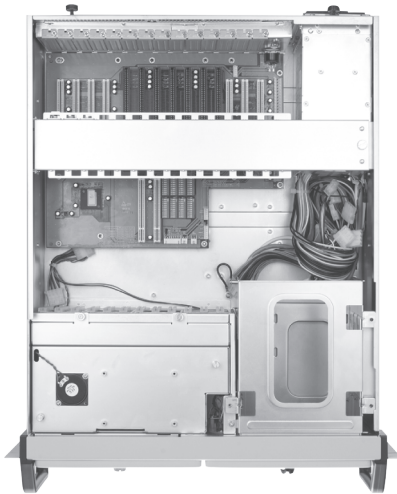


# AX6156LE

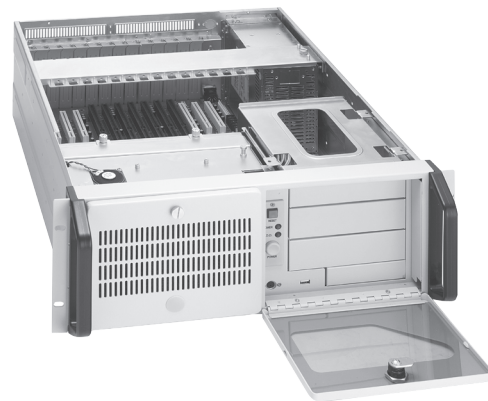
4U 14-slot Rackmount Chassis

## Features

- Three 5.25" and one 3.5" HDD drive bays
- One 12 cm ball-bearing fan (optional two 12 cm fans)
- Supports 14-slot backplane or ATX MB
- Hot-swap redundant power supply supported



▲ Top view



## Specifications

Standard Color	Beige
Construction	Heavy-duty steel
Drive Capacity	Exposed 3 x 5.25" HDD drive bay and 1 x 3.5" HDD drive bay
Cooling	1 x 12 cm ball-bearing fan (88 CFM/each) with a removable filter (optional two fans)Front Panel Indicators 1 x power on/off; 1 x HDD
Front Panel Controls	1 x power on/off; 1 x system reset
Front Panel Connectors	1 x USB, 1x PS/2 5-pin keyboard
Pre-punched Panel	2 x 9-pin; 1 x DIN 5-pin keyboard
System Board	SBCs, ATX MB or IMB series

Expansion Interface	14-slot backplane
Speaker	1 x 0.3W speaker
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	484.7 mm (19") (W) x 537.6 mm (21.2") (D) x 176.7 mm (7") (H)
Weight (net/gross)	18 kg (39.68 lb)/19.5 kg (43 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	MTBF
			Output	
PS302-XP2	ATX 300W (PFC)	AC100-240V (Auto)	+5V @ 16A +12V1 @ 17A +12V2 @ 17A +3.3V @ 19A +5VSB @ 2.5A -12V @ 0.3A	100,000 hours
RPS400-HRP	ATX 400W HRP (PFC)	AC 90-264V (Auto)	+5V @ 35A +12V @ 28A -5V @ 0.5A -12V @ 1.2A +3.3V @ 25A +5VSB @ 2.0A	100,000 hours
PS400-XP2	ATX 400W (PFC)	AC 90-264V (Auto)	+5V @ 25A +12 @ 41A -12V @ 0.8A +3.3V @ 25A +5VSB @ 3.5A	100,000 hours
PS501-HRP	ATX 500W HRP (PFC)	AC 90-264V (Auto)	+5V @ 25A +12 @ 41A -12V @ 0.8A +3.3V @ 25A +5VSB @ 3.5A	100,000 hours

## Ordering Information

AX6156LET(W)B/X300	14-slot version, with ATX 300W power supply
AX6156LET(W)B/X400	14-slot version, with ATX 400W power supply
AX6156LET(W)B/X300R	14-slot version, with ATX 300W redundant power supply
AX6156LET(W)M/X300	MB version, with ATX 300W power supply
AX6156LET(W)M/X400	MB version, with ATX 400W power supply
AX6156LET(W)M/X300R	MB version, with ATX 300W redundant power supply

\*Specifications and certifications are based on options and may vary.

\*\* T-Black color; W-Beige color

## Backplane Options

### PICMG 1.0

Models	Slots per Segment (ISA/PCI/PCle/CPU)	Segment
ATX6022/13L	8/4/0/1	Single
ATX6022/14	9/4/0/1	Single
ATX6022/14G	1/12/0/1	Single
ATX6022/14GP7	6/7/0/1	Single

### PICMG 1.3

Models	Slots per Segment (ISA/PCI/PCle/CPU)	Segment
FAB100	4/4/5/1	Single
FAB101	0/13/0/1	Single
FAB112	0/10/2/1	Single
FAB113	0/4/8/1	Single
FAB114	0/8/4/1	Single
FAB118	0/7/6/1	Single
FAB119	0/10/2/1	Single

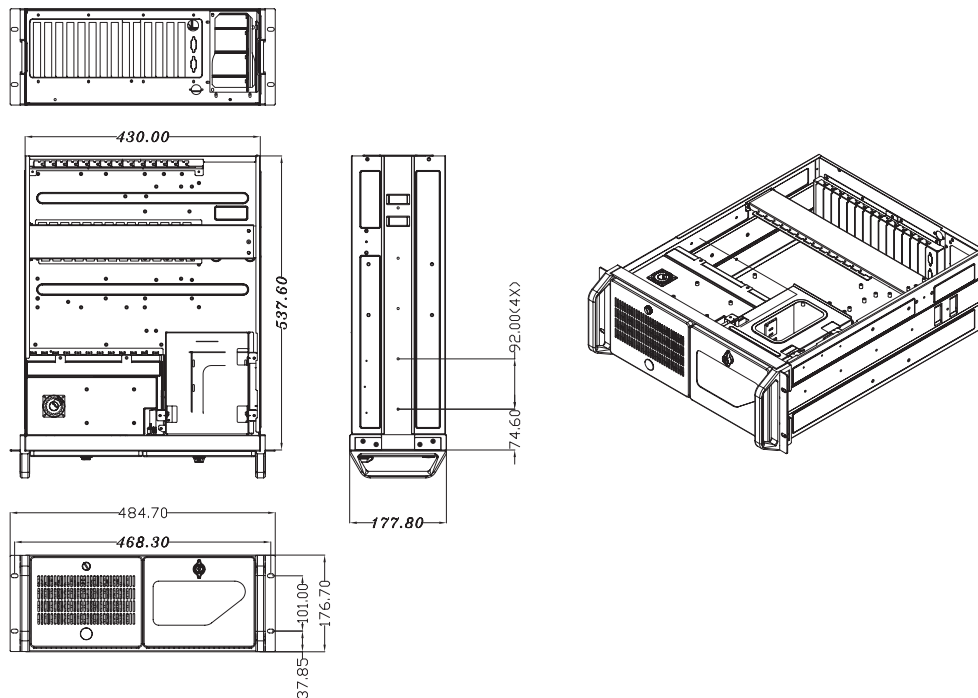
## Optional Items

ATX 500W power supply with PFC

ATX 300W redundant power supply with PFC

ATX 500W redundant power supply with PFC

## Dimensions



# AX60501

6-slot ShoeBox Chassis



▲ Top view

Equipped with a power supply bracket securing the power supply better when the chassis is positioned in 90° orientation

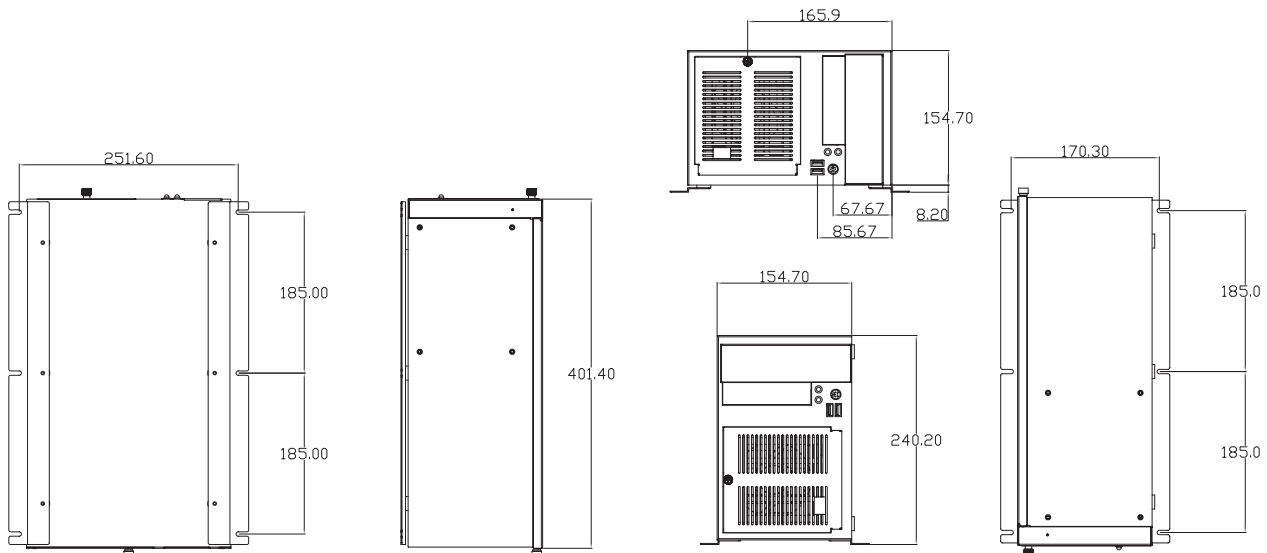
## Specifications

Standard Color	Beige
Construction	Heavy-duty steel
Drive Capacity	Exposed 1 x 5.25" HDD drive bay and 1 x 3.5" HDD drive bay; Internal 1 x 3.5" HDD drive bay
Cooling	1 x 9 cm ball-bearing fan (51 CFM/each) with a removable filter
Front Panel Indicators	1 x power on/off
Front Panel Controls	1 x power on/off; 1 x system reset
Front Panel Connector	1 x PS/2 6-pin keyboard & mouse, 2 x USB
System Board	SBCs
Expansion Interface	6-slot backplane
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	240.2 mm (9.45") (W) x 401.4 mm (15.8") (D) x 154.7 mm (6.1") (H)
Weight (net/gross)	9 kg (19.84 lb)/10.3 kg (22.7 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications Output	MTBF
PS302-XP2	ATX 300W (PFC)	AC 100~240V (Auto)	+5V @ 16A +12V1 @ 17A +12V2 @ 17A -12V @ 0.3A +3.3V @ 19A +5VSB @ 2.5A	100,000 hours

## Dimensions



## Features

- Desktop or wallmount industrial computer chassis
- One 5.25" and two 3.5" HDD drive bays
- Equipped with a PS/2 type power supply

## Ordering Information

AX60501WB/X300	With ATX 300W power supply
AX60501WB/X400	With ATX 400W power supply
AX60501WB/X500	With ATX 500W power supply

\*Specifications and certifications are based on options and may vary.

## Backplane Options

### PICMG 1.0

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/6	1/4/0/1	Single

### PICMG 1.3

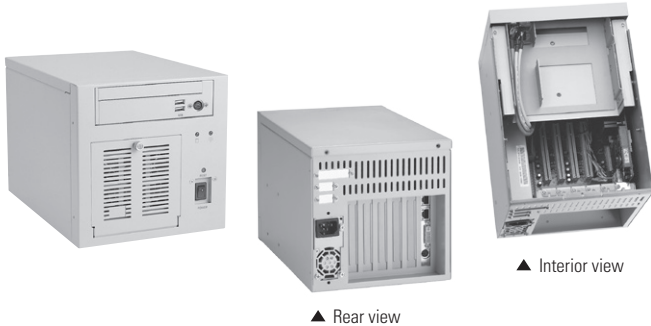
Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
FAB105	0/3/1/1	Single
FAB109	0/0/4/1	Single
FAB110	0/2/2/1	Single
HAB206	0/3/1/1	Single

## Optional Items

ATX 400W power supply with PFC  
ATX 500W power supply with PFC

# AX60530

6-slot ShoeBox Chassis



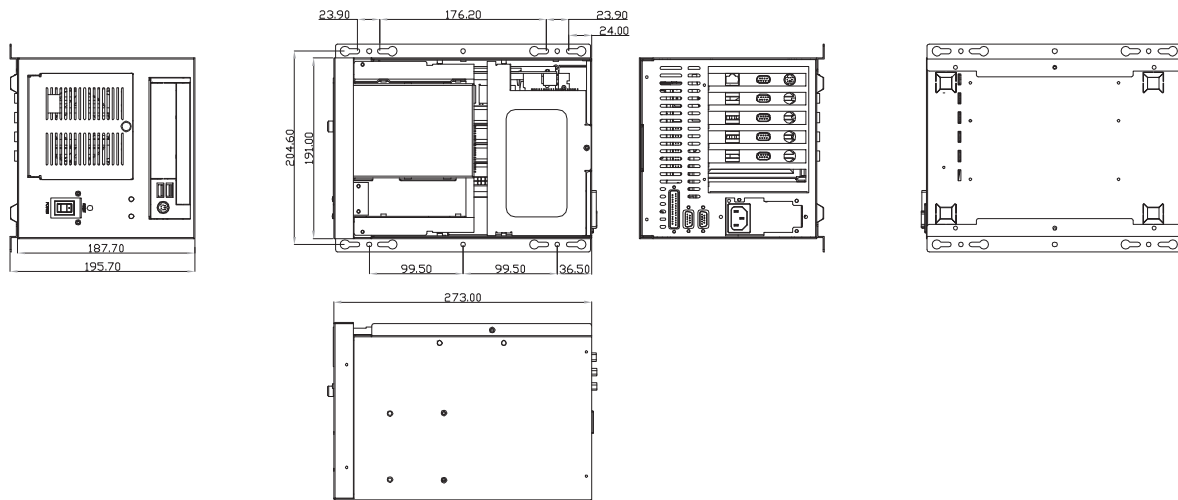
## Specifications

Standard Color	Beige (PANTONE 414C)
Construction	Heavy-duty steel
Drive Capacity	Exposed 1 x slim CD-ROM and 1 x 3.5" HDD drive bay, internal 1 x 3.5" HDD drive bay
Cooling	1 x 8 cm ball-bearing fan (38.6 CFM/each) with a removable filter
Front Panel Indicators	1 x power, 1 x HDD Front
Panel Controls	1 x system reset; 1 x power on/off
Front Panel Connectors	2 x USB & 1 x PS/2
Pre-punched Panel	2 x 9-pin & 1 x 25-pin
System Board	Half-size SBCs
Expansion Interface	6-slot ISA or PCI backplane
Hold-down Clamp	Rubber cushion
Operating Temperature	0°C ~ +40°C (+32°F ~ +113°F)
Dimensions	191 mm (7.5") (W) x 273 mm (10.8") (D) x 195.7 mm (7.7") (H)
Weight (net/gross)	5.4 kg (11.9 lb)/6.8 kg (15 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	MTBF
			Output	
PS200-1U	ATX 200W (PFC)	AC90-264V (Auto)	+5V @ 17A	100,000 hours
			+12V1 @ 6A	
			+12V2 @ 12A	
			-12V @ 0.8A	
			+3.3 @ 14A	
+5VSB @ 2A				

## Dimensions



## Features

- Compact design for embedded applications
- Supports half-size SBCs
- Exposed one slim CD-ROM & one 3.5" HDD drive bay; internal one 3.5" HDD drive bay
- Equipped with ATX 200W power supply Easy-removable cooling fan

## Ordering Information

AX60530WB/X200P With ATX 200W power supply

AX60530WB/X270P With ATX 270W power supply

\*Specifications and certifications are based on options and may vary.

## Backplane Options

### PICMG 1.3

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
HAB206	0/3/1/1	Single

## Optional Items

ATX 270W power supply with PFC

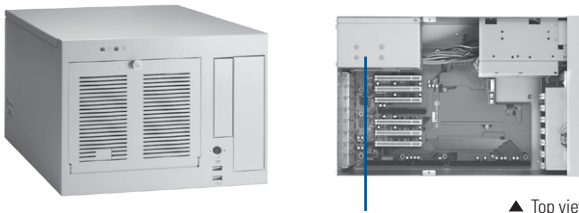
59460530030E USB cable 2.54 to 2.0 Dupont 400 mm (SBC82810 only)

59460530040E USB cable 2.54 Dupont to 2.0 housing 400 mm

(SBC82820, SBC82702, SBC82700, SHB210 only)

# AX60551

8-slot ShoeBox Chassis



▲ Top view

Equipped with a power supply bracket securing the power supply better when the chassis is positioned in 90° orientation

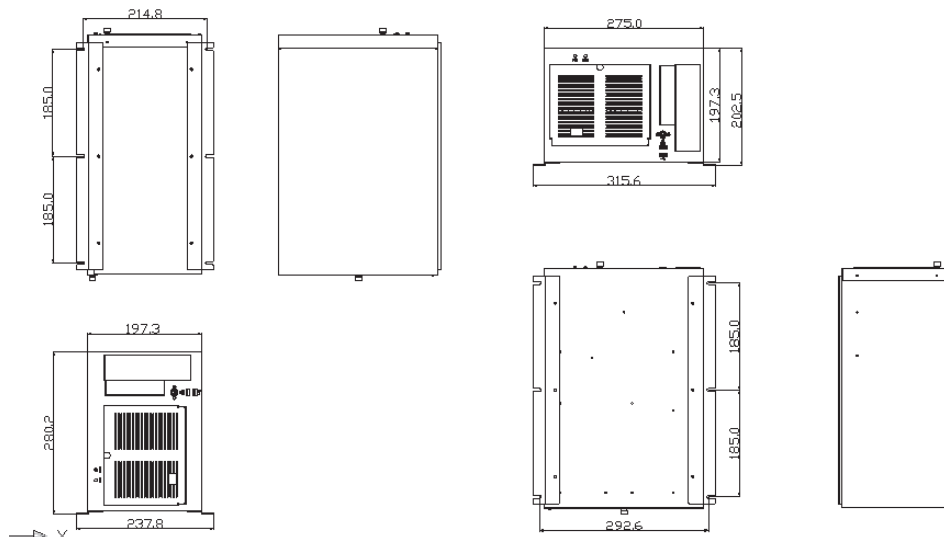
## Specifications

Standard Color	Beige
Construction	Heavy-duty steel
Drive Capacity	Exposed 1 x 5.25" HDD drive bay and 1 x 3.5" HDD drive bay; internal 1 x 3.5" HDD drive bay
Cooling	1 x 9 cm ball-bearing fan (51 CFM/each) with a removable filter
Front Panel Indicators	1 x power on/off; 1 x HDD
Front Panel Controls	1 x power on/off; 1 x system reset
Front Panel Connector	1 x PS/2 6-pin keyboard & mouse, 2 x USB
Pre-punched Panel Rear	1 x 9-pin; 1 x 25-pin; 2 x USB (optional)
System Board	SBCs
Expansion Interface	8-slot backplane
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Dimensions	280.2 mm (11") (W) x 415.8 mm (16.37") (D) x 197.3 mm (7.77") (H)
Weight (net/gross)	10.9 kg (24.03 lb)/11.2 kg (24.67 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications		MTBF
			Output		
PS300-XP2	ATX 300W (PFC)	AC100 ~ 240V (Auto)	+5V @ 16A	100,000 hours	
			+12V1 @ 17A		
			+12V2 @ 17A		
			+5VSB @ 2.5A		
			+3.3V @ 19A		
-12V @ 0.3A					

## Dimensions



## Features

- Desktop or wallmount industrial computer chassis
- One 5.25" and two 3.5" HDD drive bays
- Equipped with a PS/2 type power supply

## Ordering Information

AX60551WB/X300	With ATX 300W power supply
AX60551WB/X400	With ATX 400W power supply
AX60551WB/X500	With ATX 500W power supply

\*Specifications and certifications are based on options and may vary.

## Backplane Options

### PICMG 1.0

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/8	3/4/0/1	Single
ATX6022/8GP7	0/7/0/1	Single

### PICMG 1.3

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
FAB111	0/4/2/1	Single
FAB116	0/3/4/1	Single
FAB208	0/6/1/1	Single
HAB208	0/6/1/1	Single

## Optional Items

ATX 400W power supply with PFC  
ATX 500W power supply with PFC

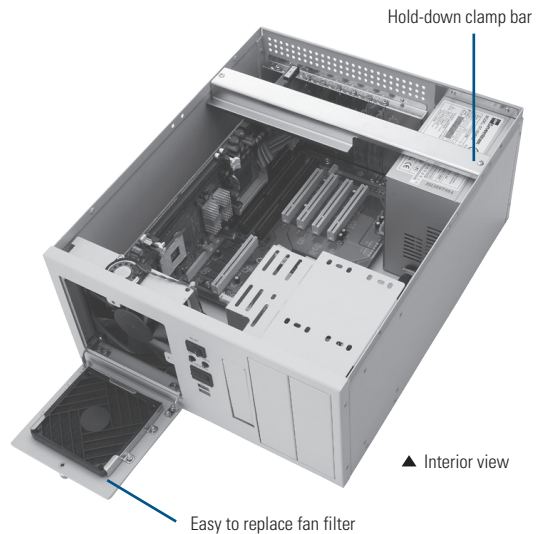
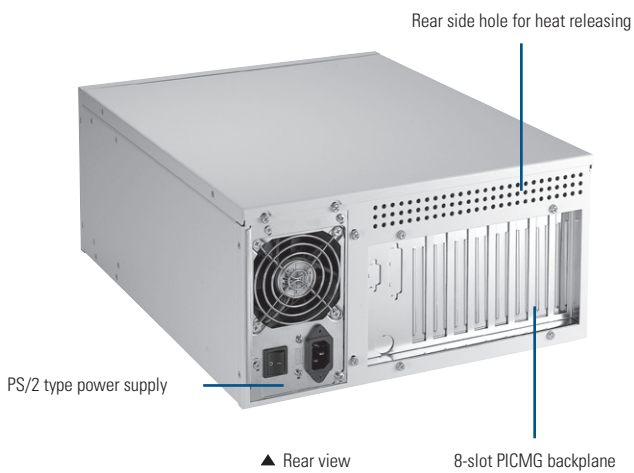


# AX60552

8-Slot ShoeBox Chassis

## Features

- Two 5.25" and one 3.5" HDD drive bays
- Desktop or wallmount industrial computer chassis
- Equipped with PS/2 type power supply



## Specifications

Standard Color	Beige color
Construction	Heavy-duty steel
Drive Capacity	Exposed 2 x 5.25" HDD drive bay and 1 x 3.5" HDD drive bay
Cooling	1 x 12 cm ball-bearing fan (88 CFM/each) with a removable filter
Front Panel Indicators	1 x power on/off; 1 x HDD
Front Panel Controls	1 x power on/off; 1 x system reset
Front Panel Connectors	2 x USB
Pre-punched Panel Rear	1 x 9-pin ; 1 x 25-pin
System Board	Full-size SBCs

Expansion Interface	8-slot backplane
Power Supply	PS/2 power supply
Speaker	1 x 0.4W speaker
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	368.8 mm (14.52") (W) x 407.5 mm (16.04") (D) x 177.3 mm (6.98") (H)
Weight (net/gross)	10.5 kg (23.15 lb)/11.3 kg (24.92 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	MTBF
			Output	
PS302-XP2	ATX 300W (PFC)	AC 100~240V (Auto)	+5V @ 16A	100,000 hours
			+12V1 @ 17A	
			+12V2 @ 17A	
			+5VSB @ 2.5A	
			+3.3V @ 19A	
-12V @ 0.3A				
PS400-XP2	ATX 400W (PFC)	AC 90~264V (Auto)	+5V @ 20A	100,000 hours
			+3.3V @ 20A	
			+12V1 @ 16A	
			+12V2 @ 16A	
			-12V @ 0.5A	
+5VSB @ 2.5A				
PS500-XP2	ATX 500W (PFC)	AC 90~264V (Auto)	+5V @ 24A	100,000 hours
			+3.3V @ 24A	
			+12V @ 34A	
			+12V1 @ 17A	
			+12V2 @ 17A	
-12V @ 0.8A				
+5VSB @ 2.5A				

## Backplane Options

### PICMG 1.0

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/8GP7	0/7/0/1	Single
ATX6022/8	3/4/0/1	Single

### PICMG 1.3

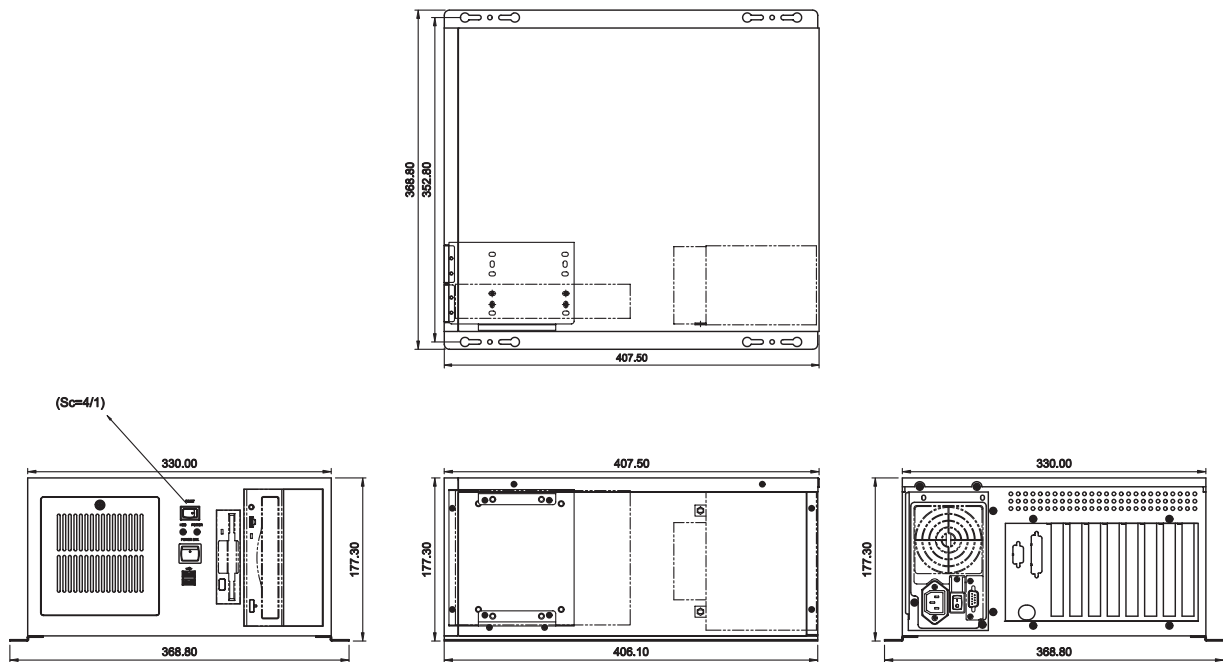
Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
FAB111	0/4/2/1	Single
FAB208	0/6/1/1	Single
HAB208	0/6/1/1	Single
FAB116	0/3/4/1	Single

## Ordering Information

AX60552WB/X300	With ATX 300W power supply
AX60552WB/X400	With ATX 400W power supply
AX60552WB/X500	With ATX 500W power supply

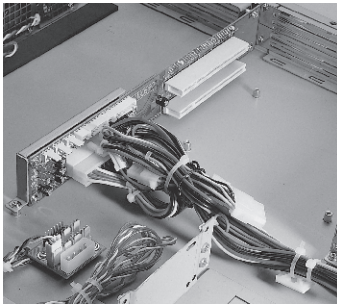
\*Specifications and certifications are based on options and may vary.

## Dimensions



# AX61120TP

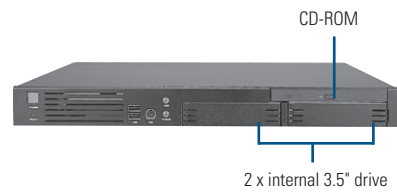
1U Rackmount Chassis for full-size SBC



▲ Built-in a butterfly backplane with 2 expansion slots

## Features

- PICMG 1.3 SBC structure with 2 expansion slots
- Internal two 3.5" HDD drive bays
- Slim-line CD-ROM disk bay for ease of system installation
- Special cooling system design for supporting Intel® Pentium® 4 processor
- ATX 270W power supply (with PFC) for Intel® Pentium® 4 SBCs



▲ Front view



▲ Rear view

## Specifications

Standard Color	Black
Construction	Heavy-duty steel
Drive Capacity	Exposed 1 x slim-line CD-ROM Internal 2 x 3.5" HDD drive bay
Cooling	3 x 4 cm ball bearing fan
Front Panel Indicators	1 x power on/off, 1 x HDD
Front Panel Controls	1 x power on/off and 1 x system reset
Front Panel Connectors	2 x USB, 1 x PS/2 6-pin
Pre-punched Panel	Rear 1 x 9-pin, 1 x 25-pin
System Board	Full-size SBCs

Expansion Interface	2 x PCI card (half-size)
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	482.6 mm (19") (W) x 500 mm (19.7") (D) x 44.3 mm (1.75") (H)
Weight (net/gross)	9.8 kg (21.6 lb)/10.5 kg (23.15 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	
			Output	MTBF
PS270-1U	ATX 270W (PFC)	AC 90-264V (Auto)	+5V @ 18A	100,000 hours
			+12V 1 @ 16A	
			+12V 2 @ 10A	
			+3.3V @ 16A	
			-12V @ 0.8A	
			+5VSB @ 2.5A	
PS200-1U	ATX 200W (PFC)	AC 90-264V (Auto)	+5V @ 17A	100,000 hours
			+12V 1 @ 6A	
			+12V 2 @ 12A	
			+3.3V @ 14A	
			-12V @ 0.8A	
			+5VSB @ 2A	

## Ordering Information

AX61120TP/X200	With ATX 200W power supply
AX61120TP/X270	With ATX 270W power supply

\*Specifications and certifications are based on options and may vary.

## Recommended SBC Selections

SBC81203 series w/ LGA775 heatsink  
 SBC81205 series w/ LGA775 heatsink  
 SBC81206 series w/ LGA775 heatsink  
 SHB100 series w/ LGA775 heatsink (manufacture option)  
 SHB103 w/ LGA1156 heatsink (manufacture option)  
 SHB110 series w/ LGA775 heatsink (manufacture option)  
 SHB106 series w/ LGA1156 heatsink (manufacture option)  
 SHB120 series w/ LGA1155 heatsink (manufacture option)  
 SHB130 series w/ LGA1150 heatsink (manufacture option)

## Backplane Options

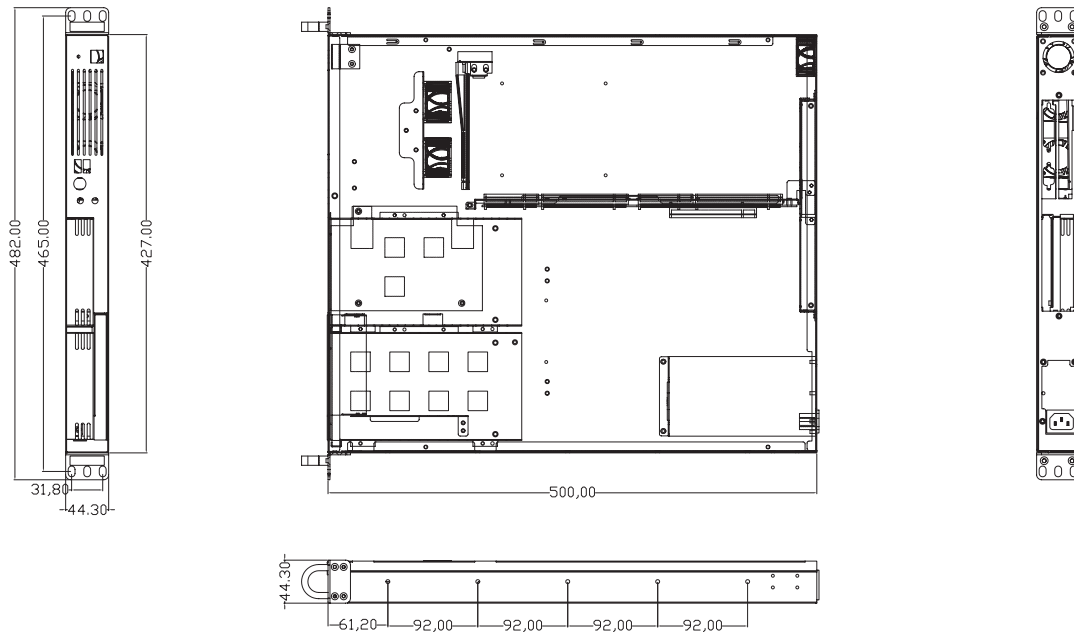
### PICMG 1.0

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/3VP2	0/2/0/1	Single

### PICMG 1.3

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
FAB102	0/0/1/1	Single
FAB209	0/0/2/1	Single

## Dimensions

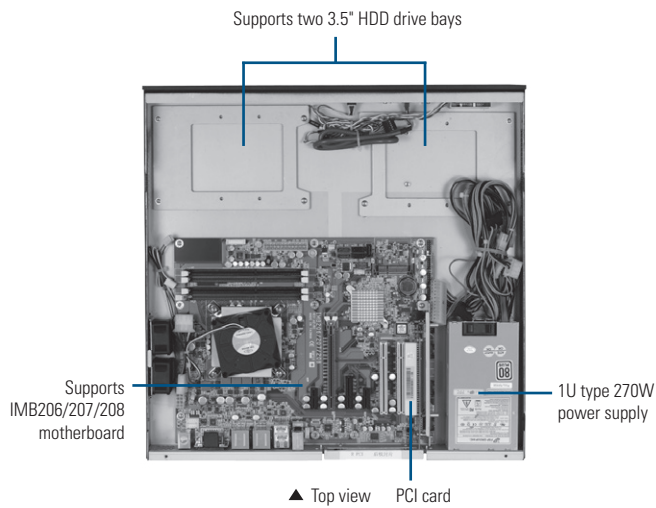


# AX61131TM

1U Cost-effective Rackmount Chassis for ATX Motherboard

## Features

- Supports 12" x 9.6" standard ATX MB (IMB206/IMB207/IMB208)
- Two 4 cm system fan
- Supports 1U Flex ATX 270W power supply
- Internal two 3.5 HDD drive bays



▲ Front view



▲ Rear view

## Specifications

Standard Color	Black
Construction	heavy-duty steel
Drive Capacity	Internal 2 x 3.5" HDD drive bay
Cooling	2 x 4 cm ball-bearing fan
Front Panel Indicators	1 x power on/off , 1 x HDD
Front Panel Controls	1 x power on/off
Front Panel Connectors	2 x USB
Rear-Punched Panel	Rear 1 x 9-pin, 1 x 25-pin
System Board	IMB206, IMB207, IMB208

Expansion Interface	1 x PCI slot (32 bits/33 MHz)
Operation Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	440 mm (17.3") (W) x 428 mm (16.8") (D) x 44 mm (1.73") (H)
Weight (net/gross)	9.8 kg (21.6 lb)/10.8 kg (23.81 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	MTBF
			Output	
PS270-1U	ATX 270W (FPC)	AC 90-264V (Auto)	+5V@18A	100,000 hours
			+12V1@16A	
			+12V2@10A	
			+3.3V@16A	
			12V@0.8A	
+5Vsb@2.5A				

## Ordering Information

AX61131TM/X270 With ATX 270W power supply

\*Specifications and certifications are based on options and may vary.

## Recommended MB Selections

IMB206 with LGA1156 Heatsink (manufacture option)  
 IMB207 with LGA1156 Heatsink (manufacture option)  
 IMB208 with LGA1156 Heatsink (manufacture option)

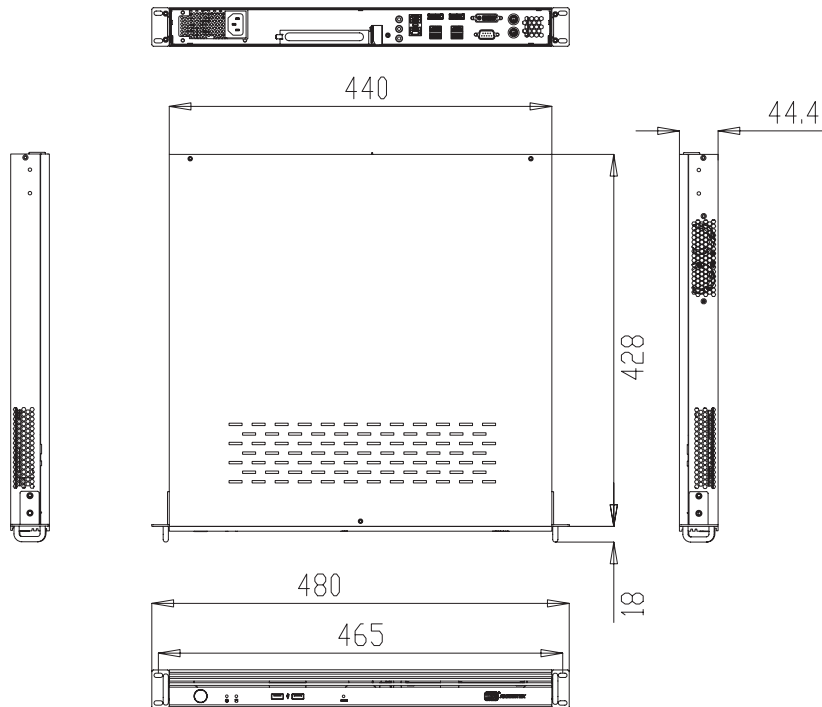
## Packing List

AX61131TM chassis x 1  
 CPU cooler x 1  
 PCI riser card bracket x 1  
 Screw pack x 1

## Optional Item

E296200100 AX96200-RC 1-slot 32-bit PCI riser card

## Dimensions



# AX61132TM

1U Rackmount Chassis for ATX Motherboard

## Features

- Supports 12" x 9.6" standard ATX MB (IMB206/IMB207/IMB208/IMB211)
- Internal two SATA HDD drive bays
- Supports one PCI riser card
- Supports ATX 270W power supply



▲ Front view



▲ Rear view

## Specifications

Standard Color	Black
Construction	Heavy-duty steel
Drive Capacity	Internal 2 x SATA HDD drive bay
Cooling	2 x 4 cm ball bearing fans (15.3 CFM/each)
Front Panel Indicators	1 x power on/off, 1 x HDD
Front Panel Controls	1 x power on/off
Front Panel Connectors	N/A
Pre-punched Panel	N/A
System Board	IMB206/IMB207/IMB208/IMB211

Expansion Interface	1 x PCI slot (32 bits/33 MHz)
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	482 mm (19") (W) x 430 mm (16.9") (D) x 44 mm (1.73") (H)
Weight (net/gross)	9.8 kg (21.6 lb)/10.5 kg (23.15 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	MTBF
			Output	
PS270-1U	ATX 270W (PFC)	AC 90-264V (Auto)	+5V @ 18A	100,000 hours
			+12V 1 @ 16A	
			+12V 2 @ 10A	
			+3.3V @ 16A	
			-12V @ 0.8A	
+5VSB @ 2.5A				

## Recommended MB Selections

IMB206 with LGA1156 heatsink (manufacture option)  
 IMB207 with LGA1156 heatsink (manufacture option)  
 IMB208 with LGA1156 heatsink (manufacture option)  
 IMB211 with LGA1156 heatsink (manufacture option)

## Optional Items

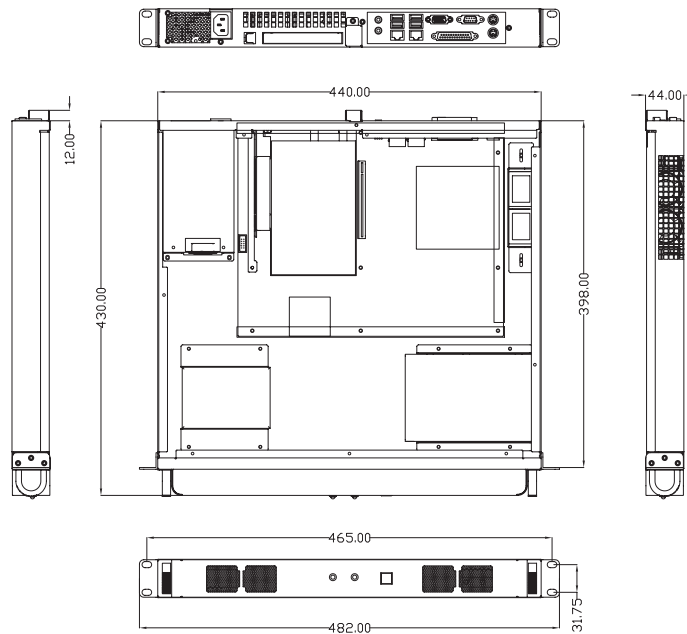
E296200100	AX96200 1-slot 32-bit PCI riser card
50761133100E	LGA1156 1U passive CPU cooler

## Ordering Information

AX61132TM/X270 With ATX 270W power supply

\*Specifications and certifications are based on options and may vary.

## Dimensions





# AX61133TM

1U Dual Hot swapping SATA HDD Tray  
Rackmount classis for ATX Motherboard



Supports 2 x 3.5" hot-swappable SATA HDD tray  
Easy-to-maintain tray design

## Features

- Supports 12" x 9.6" standard ATX Motherboard (IMB206/IMB207/IMB208)
- Supports two 3.5" SATA HDD (hot-swappable tray)
- Supports one PCI or PCIe riser card
- Supports ATX 270W power supply



▲ Front view



▲ Rear view



DDR3

## Specifications

Standard Color	Black
Construction	Heavy-duty steel
Drive Capacity	Exposed 2 x SATA HDD drive bay (hot swappable tray)
Cooling	2 x 4 cm ball bearing fans (15.3 CFM/each)
Front Panel Indicators	1 x power on/off, 1 x HDD
Front Panel Controls	1 x power on/off
Front Panel Connectors	N/A
Pre-punched Panel	N/A
System Board	IMB206/IMB207/IMB208

Expansion Interface	1 x PCI slot (32 bits/33 MHz) or 1 x PCIe slot
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	473.5 mm (19") (W) x 440 mm (17.32") (D) x 44 mm (1.73") (H)
Weight (net/gross)	9.8 kg (21.6 lb)/10.8 kg (23.8 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	MTBF
			Output	
PS270-1U	ATX 270W (PFC)	AC 90-264V (Auto)	+5V @ 18A	100,000 hours
			+12V 1 @ 16A	
			+12V 2 @ 10A	
			+3.3V @ 16A	
			-12V @ 0.8A	
+5VSB @ 2.5A				

## Ordering Information

AX61133TM/X270	With ATX270W Power supply, PCI version
AX61133TM/X270	With ATX270W Power supply, PCIe version

\*Specifications and certifications are based on options and may vary.

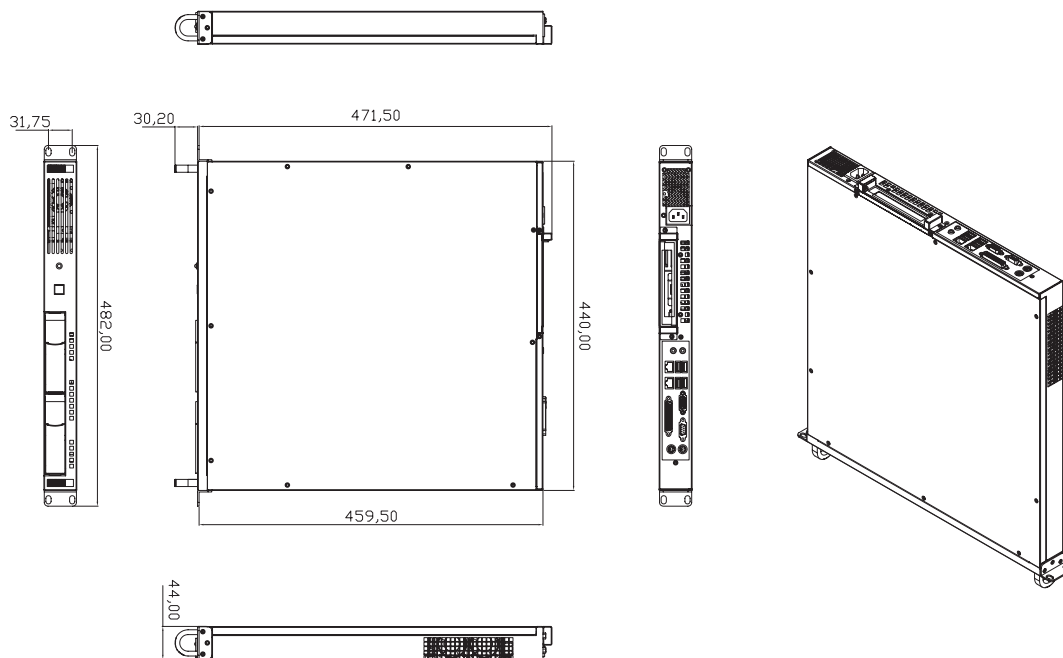
## Recommended MB Selections

IMB206 with LGA1156 heatsink (manufacture option)  
 IMB207 with LGA1156 heatsink (manufacture option)  
 IMB208 with LGA1156 heatsink (manufacture option)

## Optional Items

E296200100	AX96200 1-slot 32-bit PCI riser card
84306113300E	PCIe x16 riser card L: 3250 mm
50761133100E	LGA1156 1U passive CPU cooler

## Dimensions



# AX61222TP/AX61220TP

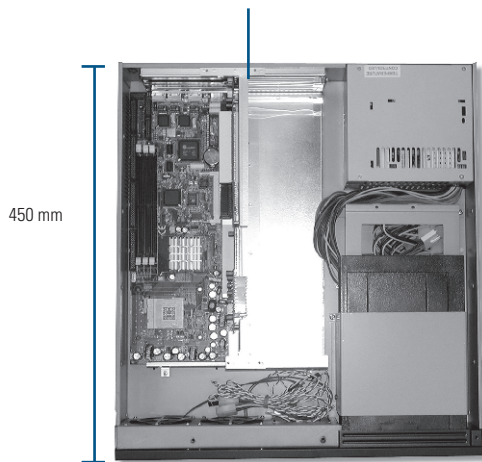
2U Compact Rackmount Chassis

## Features

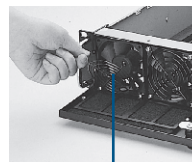
- 2U rackmount design in depth of 450 mm (AX61222TP)/ 475 mm (AX61220TP)
- PICMG SBC structure with 5 free slots for expansion
- Front-accessible one 5.25" HDD drive bay, one slim-line CD-ROM, one 3.5" HDD drive bay and one internal HDD drive bay



ATX6022/6VP4 backplane (up to 4 x PCI, 1 x ISA, 1 x PICMG)



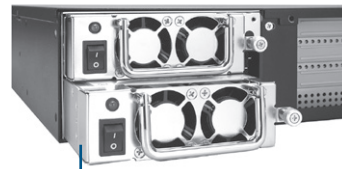
▲ Top view



Removable fan filter on the front panel



Flexible combination of drive bays for removable HDD CD-ROM, FDD, tape drive and hidden HDDs



Optional hot-swap redundant power supply (only for AX61220TP)

## Specifications

Standard Color	Black
Construction	Heavy-duty steel
Drive Capacity	Exposed 1 x slim-line CD-ROM; 1 x 3.5" HDD drive bay; 1 x 5.25" HDD drive bay; internal 1 x 3.5" HDD drive bay
Cooling	2 x 8 cm ball-bearing fans (42.5 CFM/each) with a removable filter
Front Panel Indicators	Power On/Off; HDD
Front Panel Controls	1 x power On/Off, 1 x system reset
Front Panel Connectors	2 x USB ; 1 x PS/2 6-pin
Pre-punched Panel	Rear: 1 x 9-pin
System Board	PICMG 1.0 & PICMG 1.3 SBCs

Expansion Interface	ATX6022/6VP4 or FAB105-V1 or FAB205
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Range Dimensions	481.4 mm (18.95") (W) x 450 mm (17.7") (D) x 88.9 mm (3.5") (H) (AX61222TP) 481.4 mm (18.95") (W) x 475 mm (18.7") (D) x 88.9 mm (3.5") (H) (AX61220TP)
Weight (net/gross)	8.22 kg (18.12 lb)/10.26 kg (22.62 lb) (AX61222TP) 8.6 kg (18.96 lb)/12.02 kg (26.49 lb) (AX61220TP)

## Power Supply Specifications

Items	Watt	Specifications		
		Input	Output	MTBF
PS300-HRP	ATX 300WHRP (PFC)	AC 90-264V (Auto)	+5V @ 25A +12V @ 16A -5V @ 0.5A -12V @ 0.5A +3.3V @ 18A +5VSB @ 2A	100,000 hours
PS302-XP2	ATX 300W (PFC)	AC 100-240V (Auto)	+5V @ 16A +12V @ 17A -12V1 @ 0.7A +3.3V @ 19A +5VSB @ 2.5A +12V2 @ 17A	100,000 hours
PS400-XP2	ATX 400W (PFC)	AC 90-264V (Auto)	+5V @ 20A +12V1 @ 16A +12V2 @ 16A -12 @ 0.5A +3.3 @ 20A +5VSB @ 2.5A	100,000 hours
PS500-XP2	ATX 500W (PFC)	AC 90-264V (Auto)	+5V @ 24A +12V @ 34A +12V1 @ 17A +12V2 @ 17A -12 @ 0.8A +3.3 @ 24A +5VSB @ 2.5A	100,000 hours
PS400-HRP	ATX 400W HRP (PFC)	AC 90-264V (Auto)	+5V @ 35A +12V @ 28A -5V @ 0.5A -12 @ 1.2A +3.3 @ 25A +5VSB @ 2A	100,000 hours
PS501-HRP	ATX 500W HRP (PFC)	AC 90-264V (Auto)	+5V @ 25A +12V @ 41A -12 @ 0.8A +3.3 @ 25A +5VSB @ 3.5A	100,000 hours

## Ordering Information

AX61222TP(AX61220TP)/300	With ATX 300W power Supply
AX61222TP(AX61220TP)/400	With ATX 400W power Supply
AX61222TP(AX61220TP)/500	With ATX 500W power Supply

\*Specification and certifications are based on requirements and may vary.

## Optional Items

### AX61220TP

ATX500W redundant power supply with PFC  
 ATX300W redundant power supply with PFC  
 ATX400W redundant power supply with PFC

## Backplane Options

### PICMG 1.0

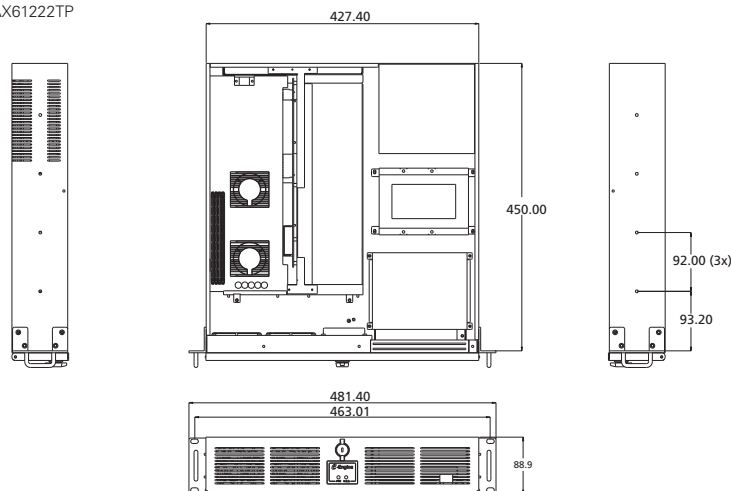
Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/6VP4	1/4/0/1	Single

### PICMG 1.3

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
FAB105-V1	0/3/1/1	Single
FAB205	0/5/0/1	Single
FAB210	0/2/3/1	Single

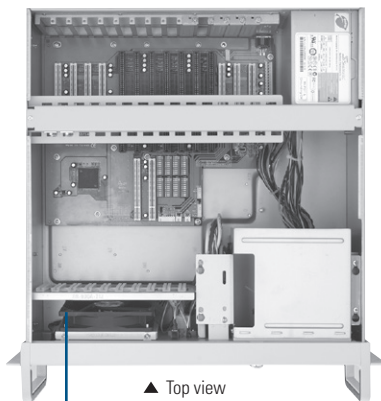
## Dimensions

AX61222TP



# AX61400

4U 14-slot Rackmount Chassis



▲ Top view

Default 1 x 12 cm fan

## Features

- Three 5.25" and max. two 3.5" HDD drive bays
- One 12cm ball-bearing fan
- Supports 14-slot backplane or ATX MB
- Single PS/2 size power supply supported



## Specifications

Standard Color	Beige
Construction	Heavy-duty steel
Drive Capacity	Exposed 3 x 5.25" HDD drive bay and 1 x 3.5" HDD drive bay; internal 1 x 3.5" HDD drive bay
Cooling	1 x 12 cm ball-bearing fan (78 CFM/each) with a removable filter
Front Panel Indicators	1 x power on/off; 1 x HDD
Front Panel Controls	1 x power on/off; 1 x system reset
Front Panel Connectors	2 x USB; 1 x PS2 mini-DIN keyboard
Pre-punched Panel	1 x 25-pin; 1 x DIN 5-pin keyboard
Hold-down Clamp	height adjustable clamps with rubber cushions
System Board	SBCs or 12" x 9.6" ATX MB or IMB series

Expansion Interface	14-slot backplane
Speaker	1 x 0.4W speaker
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
RangeDimensions	482.6 mm (19") (W) x 450 mm (17.7") (D) x 177 mm (7") (H)
Weight (net/gross)	15 kg (33.07 lb)/16.3 kg (35.94 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	
			Output	MTBF
PS302-XP2	ATX 300W (PFC)	AC 100-340V (Auto)	+5V @ 16A	100,000 hours
			+12V1 @ 17A	
			+12V2 @ 17A	
			-12V @ 0.3A	
			+5VSB @ 2.5A	
			+3.3V @ 19A	
PS400-XP2	ATX 400W (PFC)	AC 90-264V (Auto)	+5V @ 20A	100,000 hours
			+12V1 @ 16A	
			+12V2 @ 16A	
			-12V @ 0.5A	
			+3.3V @ 20A	
			+5VSB @ 2.5A	
PS500-XP2	ATX 500W (PFC)	AC 90-264V (Auto)	+5V @ 24A	100,000 hours
			+12V @ 34A	
			+12V1 @ 17A	
			+12V2 @ 17A	
			-12V @ 0.8A	
			+3.3V @ 24A	
			+5VSB @ 2.5A	

## Ordering Information

AX61400T(W)B/X400	14-slot version, with one 12 cm fan, ATX 400W power supply
AX61400T(W)B/X300	14-slot version, with one 12 cm fan, ATX 300W power supply
AX61400T(W)M/X400	MB version, with one 12 cm fan, ATX 400W power supply
AX61400T(W)M/X300	MB version, with one 12 cm fan, ATX 300W power supply

\*Specifications and certifications are based on options and may vary.

\*\* T-Black color; W-Beige color

## Backplane Options

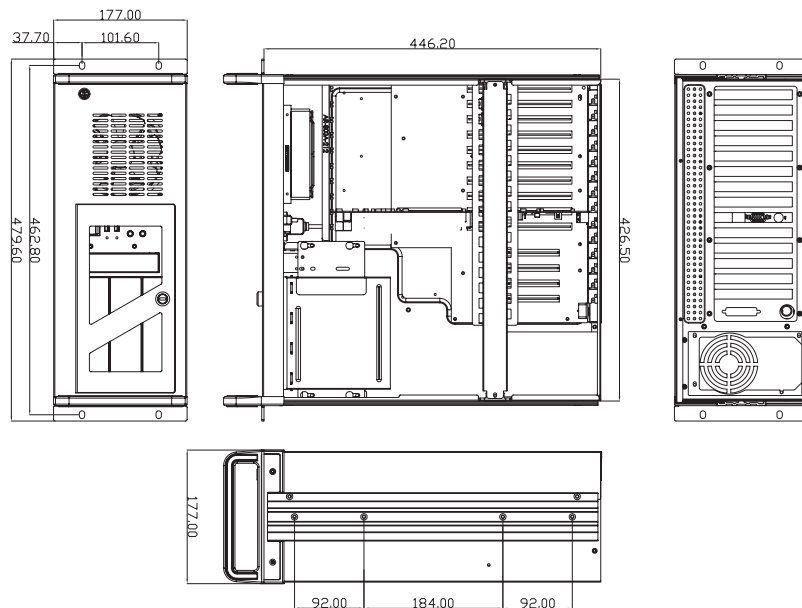
### PICMG 1.0

Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/13L	8/4/0/1	Single
ATX6022/14G	1/12/0/1	Single
ATX6022/14GP7	6/7/0/1	Single
ATX6022/14	9/4/0/1	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
FAB112	0/10/2/1	Single
FAB113	0/4/8/1	Single
FAB114	0/8/4/1	Single
FAB118	0/7/6/1	Single
FAB119	0/10/2/1	Single

## Dimensions

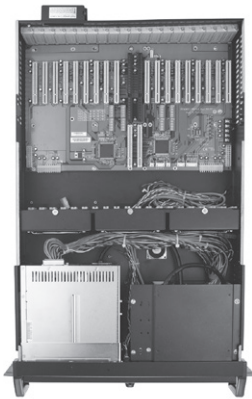


# AX61492

4U 20-slot Extended Rackmount Chassis

## Features

- Three 5.25" and two 3.5" HDD drive bays
- Three 12 cm hot-swap ball-bearing fans
- Supports 20-slot backplane
- Hot-swap redundant or PS/2 power supply supported



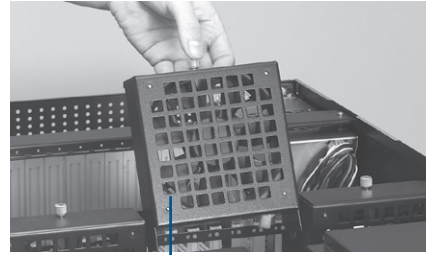
▲ Top view



▲ Front view



▲ Rear view



Built-in hot-swap fans



Dual top cover design for easy maintenance

## Specifications

Standard Color	Black
Construction	Heavy-duty steel
Drive Capacity	Exposed 3 x 5.25" HDD drive bay, 2 x 3.5" HDD drive bay
Cooling	3 x 12 cm hot-swap ball-bearing fans (88 CFM/each) with a removable filter
Front Panel Indicators	1 x power on/off; 3 x HDD
Front Panel Controls	1 x power on/off; 4 x system reset; 1 x alarm reset
Front Panel Connectors	2 x USB, 1 x PS/2 6-pin keyboard/mouse
System Board	SBCs

Expansion Interface	20-slot backplane
Speaker	1 x 0.4W speaker
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Dimensions	482.6 mm (19") (W) x 678.5 mm (26.8") (D) x 176.4 mm (7") (H)
Weight (net/gross)	2.3 kg (5.07 lb)/24.6 kg (54.24 lb)

## Power Supply Specifications

Items	Watt	Input	Specifications	
			Output	MTBF
PS401-HRP	ATX 400W HRP (PFC)	AC 100-240V (Auto)	+5V @ 35A	100,000 hours
			+12V @ 20A	
PS500-XP2	ATX 500W (PFC)	AC 90-264V (Auto)	-5V @ 0.8A	100,000 hours
			-12V @ 1A	
PS500-HRP	ATX 500W HRP (PFC)	AC 90-264V (Auto)	+3.3V @ 28A	100,000 hours
			+5VSB @ 2A	
PS500-XP2	ATX 500W (PFC)	AC 90-264V (Auto)	+5V @ 24A	100,000 hours
			+3.3V @ 24A	
PS500-HRP	ATX 500W HRP (PFC)	AC 90-264V (Auto)	+12V @ 34A	100,000 hours
			+12V1 @ 17A	
PS500-XP2	ATX 500W (PFC)	AC 90-264V (Auto)	+12V2 @ 17A	100,000 hours
			-12V @ 0.8A	
PS500-HRP	ATX 500W HRP (PFC)	AC 90-264V (Auto)	+5VSB @ 2.5A	100,000 hours
			+5V @ 25A	
PS500-XP2	ATX 500W (PFC)	AC 90-264V (Auto)	+3.3V @ 25A	100,000 hours
			+12V @ 41A	
PS500-HRP	ATX 500W HRP (PFC)	AC 90-264V (Auto)	-12V @ 0.8A	100,000 hours
			+5VSB @ 3.5A	

## Backplane Options

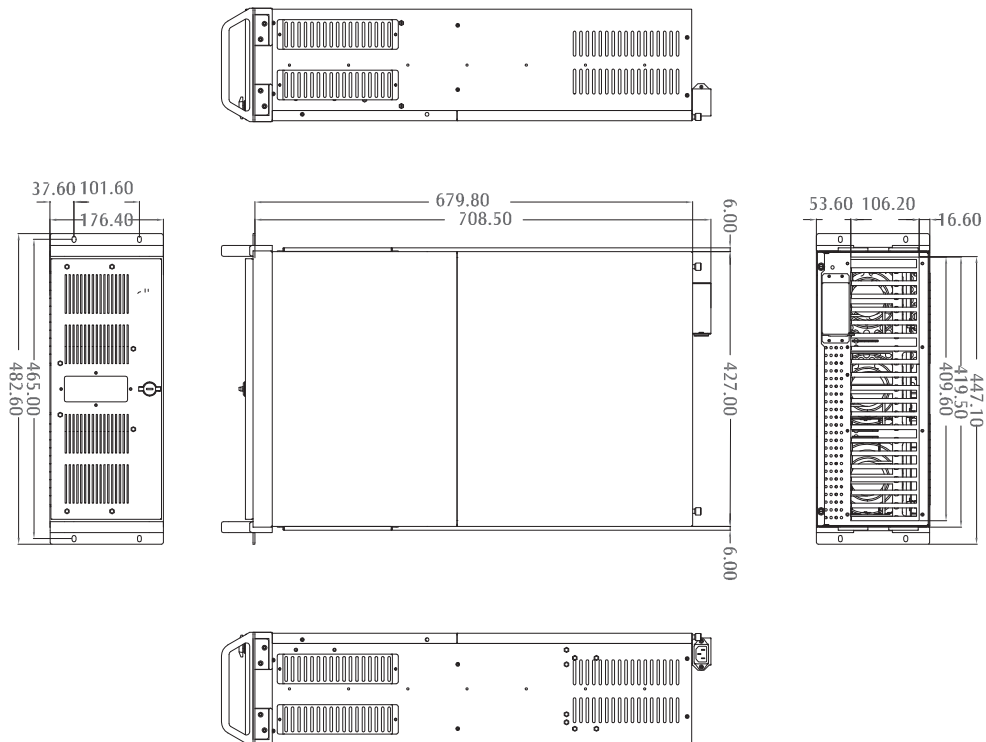
Models	Slots per Segment (ISA/PCI/PCIe/CPU)	Segment
ATX6022/20GP18	1/18/0/1	Single

## Ordering Information

AX61492TB/X400R	4U rackmount extended chassis, 20-slot version, with ATX 400W redundant power supply
AX61492TB/X500R	4U rackmount extended chassis, 20-slot version, with ATX 500W redundant power supply

\*Specifications and certifications are based on options and may vary.

## Dimensions





# EM60320I

Embedded MicroBox for Mini ITX SBC



▲ Front view

## Specifications

Standard Color	Silver
Construction	Heavy-duty cold-rolled steel
Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Front Panel I/O	1 x ATX power button 2 x USB 2.0
Rear Panel I/O	1 x Standard Mini ITX I/O bracket space
Expansion Interface	2 x PCI slot
Drive Capacity	1 x 3.5" HDD 1 x CompactFlash™ (optional SBC support)
Cooling	1 x 80 x 80 mm system fan
Power Supply	ATX 180W Input: AC 115 ~ 230V Output: +3.3V @ 3A, +5V @ 16A, +12V @ 5.86A, -12V @ 0.8A, +5Vsb @ 2A ATX 200W Input: DC 18 ~ 36V Output: 3.3V @ 12A, 5V @ 12A, +12V @ 15.4A, -12V @ 0.5A, 5Vsb @ 2A ATX 250 W Input: AC 115 ~ 230 V Output: +3.3V @ 4A, +5V @ 6A, +12V @ 16.5A, -12V @ 0.4A, +5Vsb @ 1A
Dimensions	335 mm (13.2") (W) x 250 mm (9.8") (D) x 88 mm (3.5") (H)
Environment	EMI pre-scan meets EN55022 Class A

## Applications

Wallmount PC controller  
Embedded PC controller  
Unattended controller  
Compact industrial PC

## Packing List

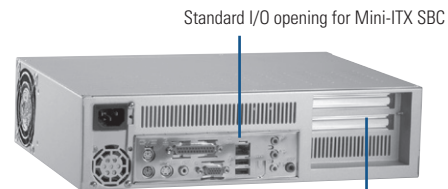
1 x system unit with riser card  
1 x power cord (optional)

Архангельск (8182)63-90-72  
Астана +7(7172)727-132  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Казань (843)206-01-48

Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41

## Features

- Designed for Mini ITX SBC
- Flexible I/O bracket for high performance embedded system via industrial P4 Mini ITX board
- One 3.5" HDD drive bay
- 2 PCI slots and 2 add-on card brackets for rich I/O expansion
- 1 system fan
- Supports optional CompactFlash™ opening
- Quick customization project supported



▲ Rear view

## Ordering Information

### Standard

EM60320I	Embedded MicroBox for Mini ITX SBC
EM60320I-CF	Embedded MicroBox for Mini ITX SBC

### Standard

MAN0861/MAN0871/MAN0881/MAN0825/MAN0842

### Optional

AX96125 (2 PCI)  
AX96140 (2 PCI)  
AX96145 (2 PCIe)  
AX96147 (2 PCIe)  
remove M/B name

\*Specifications and certifications are based on options and may vary.