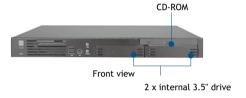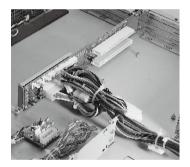# AX61120TP

1U Rackmount Chassis

Features

- PICMG 1.3 SBC structure with 2 free PCI 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

CD-ROM

Front view

2 x internal 3.5" drive

Built-in a butterfly backplane with 2 free PCI slots for expansion

Rear view

Specifications

Standard Color	Black		Expansion Interface	2 x PCI card (half-size)
Construction	Heavy-duty cold-rolled steel		Operating Temperature Range	0°C ~ 40°C (32°F ~ 104°F)
Drive Capacity	Exposed 1 x slim-line CD-ROM Internal 2 x 3.5" HDD drive bay		Dimensions	482.6 mm (19") (W) x 500 mm (19.7") (D) x 44.3 mm (1.75") (H)
Cooling	3 x 4 cm ball bearing fan		Weight (net/gross)	9.8 kg (21.6 lb)/10.5 kg (23.15 lb)
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			

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

Power Supply Specifications

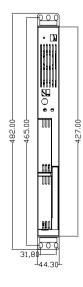| Items	Watt	Specifications		MTBF
		Input	Output	
PS180-1U	ATX 180W (PFC)	AC 90~264V (Auto)	+5V @ 16A +12V @ 14A +3.3V @ 10A -12V @ 0.8A +5V$_{SB}$ @ 2A	100,000 hours
PS270-1U	ATX 270W (PFC)	AC 90~264V (Auto)	+5V @ 18A +12V 1 @ 16A +12V 2 @ 10A +3.3V @ 16A -12V @ 0.8A +5V$_{SB}$ @ 2.5A	100,000 hours

Recommended SBC Selections
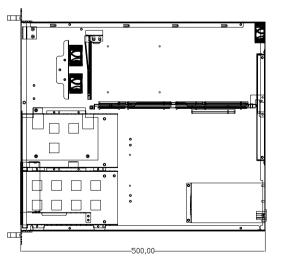
SBC81871 series
SBC81872 series
SBC81200 series w/ LGA775 heatsink
SBC81202 series w/ LGA775 heatsink
SBC81203 series w/ LGA775 heatsink
SBC81205 series w/ LGA775 heatsink
SHB100 series w/ LGA775 heatsink (manufacture option)
SHB110 series w/ LGA775 heatsink (manufacture option)

Ordering Information

AX61120TP/X180	With ATX6022/3VP2, ATX 180W power supply (for PIII SBCs)
AX61120TP/X270	With ATX6022/3VP2, ATX 270W power supply (for P4 SBCs)
AX61120TP/X180	With FAB102, ATX 180W power supply
AX61120TP/X270	With FAB102, ATX 270W power supply

* Specifications and certifications are limited to optional.

Backplane Options

PICMG 1.3

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

Dimensions