ACP-2000

2U 6-Slot Rackmount Chassis with Front USB and PS/2 Interfaces

PICMG 1.0
PICMG 1.3

Features

- 2U rackmount chassis supports up to 6 cards
- Butterfly backplane design
- Front-accessible USB and PS/2 connectors
- 250W / 300W AC ATX and DC power supply options
- Two 40 CFM cooling fans with air filter
- Lockable front door prevents unauthorized access
- System alarm notification by front LED indicators
- Built-in Intelligent System Module enabling whole system fan control and remote manageability
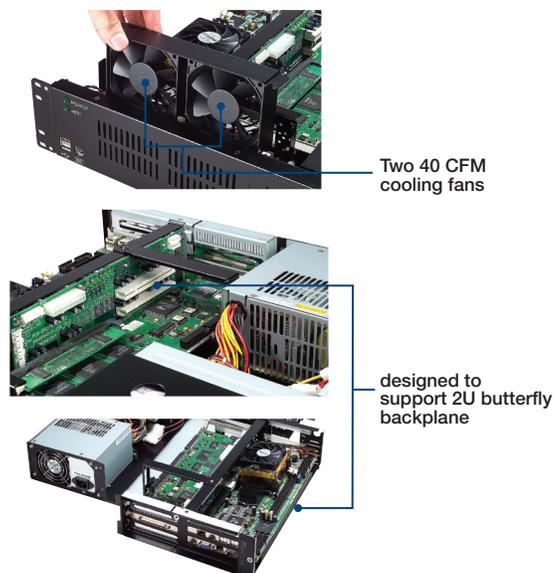
CE FCC

Specifications

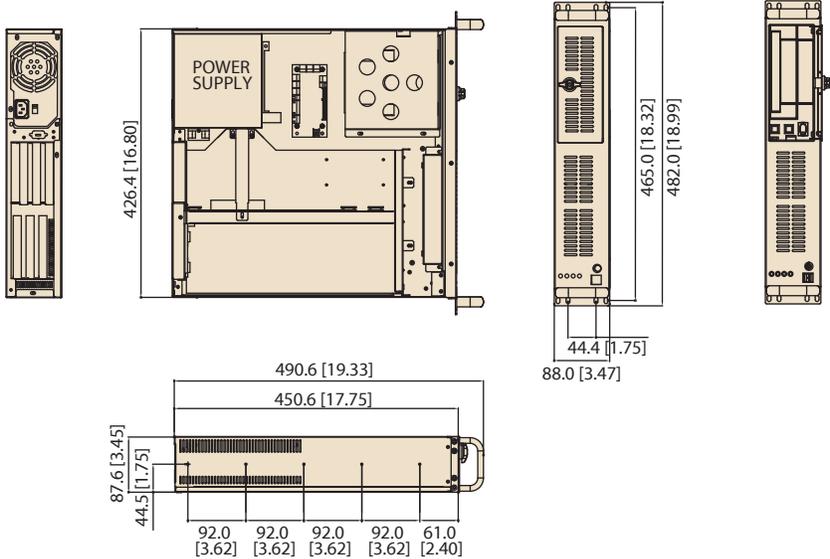|		External	Internal
Drive Bay	Slim Optical Disk Drive	1	-
	3.5"	2	-
	5.25"	-	-
Cooling	Fan	2 (8 cm / 47 CFM each)	
	Air Filter	Yes	
Front I/O Interface	USB	2	
	PS/2	1	
Miscellaneous	LED Indicators	Power and HDD activity; fan and temperature	
	Rear Panel	One 9-pin D-Sub opening	
Intelligent System Module Remote Monitoring	CPU/System fan speed , CPU/System temperature , motherboard voltage (Only selected Advantech MBs/CPU cards with WISE-PaaS/RMM installed can fully enable these functions, check with Advantech local rep. for detailed information.) (This feature only enabled in ACP-2000)		
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85% @ 40 °C, non-condensing	10 ~ 95% @ 40 °C, non-condensing
	Vibration (5 ~ 500 Hz)	0.5 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 451 mm (19" x 3.5" x 17.8")	
	Weight	11.5 kg (25.3 lb) / 11.3 kg (24.9 lb)	

Front View

Power LED

HDD LED
Temp. LED
Fan LED

USB and PS/2 connectors

Slim optical drive bay
Two 3.5" drive bay

Inside View

Two 40 CFM cooling fans

designed to support 2U butterfly backplane

ADVANTECH | **Industrial Chassis**

All product specifications are subject to change without notice.

Dimensions

Unit: mm [inch]

POWER
SUPPLY

426.4 [16.80]

465.0 [18.32]
482.0 [18.99]

44.4 [1.75]

88.0 [3.47]

490.6 [19.33]
450.6 [17.75]

87.6 [3.45]
44.5 [1.75]

92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 61.0 [2.40]

Ordering Information

Part Number PICMG 1.0	Power Supply	Backplane
ACP-2000P4-00BE	Without power supply, with ATX switch	989K610512E (PCA-6105P4V)
PICMG 1.3		
ACP-2000EBP-00BE	Without power supply, with ATX switch	-

Power Supply Options

Part Number	80 Plus Grade	Wattage	Type	Input
PS8-300ATX-ZBE	Bronze	300W	Single	AC 100 ~ 240 V (full range)
PS8-400ATX-ZE	Bronze	400W	Single	AC 100 ~ 240 V (full range)
PS-300ATX-DC48E	-	300W	Single	DC -48 V
RPS-300ATX-ZE	-	300W	(1+1) Redundant	AC 100 ~ 240 V (full range)

Optional Accessories

Part Number	Description
1950000869N002	P4 card cage
96CB-SATAPOWER-6P2	SATA power wire 6-pin to big 4-pin (for slim ODD)
IPC-DT-3120E	Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays

Spare Parts

Part Number	Description
2130006189S000	Filter behind the door 156 x 45 x 5 mm
1990001949	Filter in the front of the fans 165 x 58 mm