

ACP-2010/2320

2U Rackmount Chassis for ATX/MicroATX Motherboard with Low-Profile Rear Bracket Option



Features

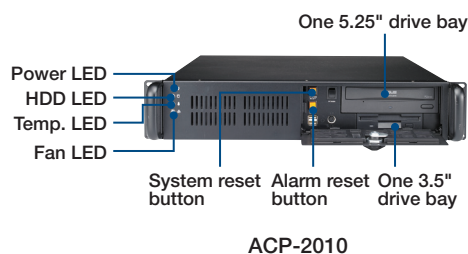
- LED indicators and audible alarm notification for system fault detection
- ACP-2010: One 5.25" and three 3.5 Shock-resistant drive bays
- ACP-2320: One Slim optical disk drive, two internal 3.5" drives and dual how-swap SAS/SATA HDD trays
- Various riser card options to support three full-size PCI or PCIe cards for expansion
- Supports 300W / 400W ATX PFC power supply
- Reusable and washable air filters
- Built-in Intelligent System Module enabling whole system fan control and remote manageability



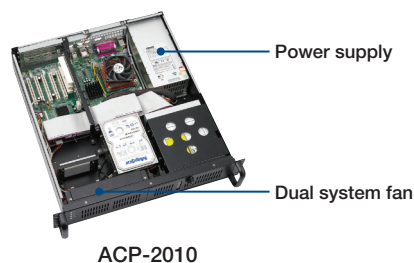
Specifications

		External	Internal
Drive Bay	Slim Optical Disk Drive	- / 1	-
	5.25"	1 / 0	-
	3.5"	1 / 2	2 / 2
	Hot Swap	- / 2 (mobile trays compatible with 2.5" HDD/SSD)	
Cooling	Fan	2 (8 cm /47 CFM each) / 2 (8 cm /47 CFM each) + 1 (6 cm /28 CFM) for SAS/SATA storage unit	
	Air Filters	Yes	
	Smart Fan	System fan speed referring to chassis thermal sensor, or CPU temperature (Available with selected Advantech MBs/CPU cards)	
Front I/O Interface	USB 2.0	2	
	PS/2	1	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan	
	Rear Panel	Two 9-pin D-Sub openings	
Intelligent System Module Remote Monitoring	CPU/System fan speed , CPU/System temperature , motherboard voltage (Only selected Advantech MBs/CPU cards with SUSIAccess installed can fully enable these functions, check with Advantech local rep. for detailed information.)		
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)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 480 mm (19" x 3.46" x 18.9")	
	Weight	10.7 kg (23.5 lb) / 11.7 kg (25.7 lb)	

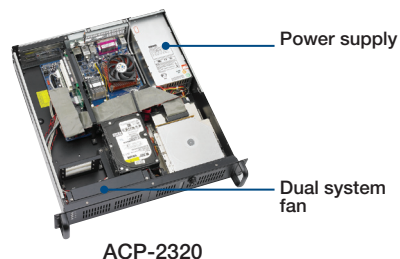
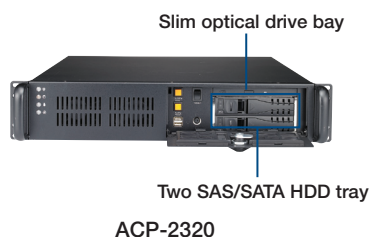
Front View



Inside View



Rear View



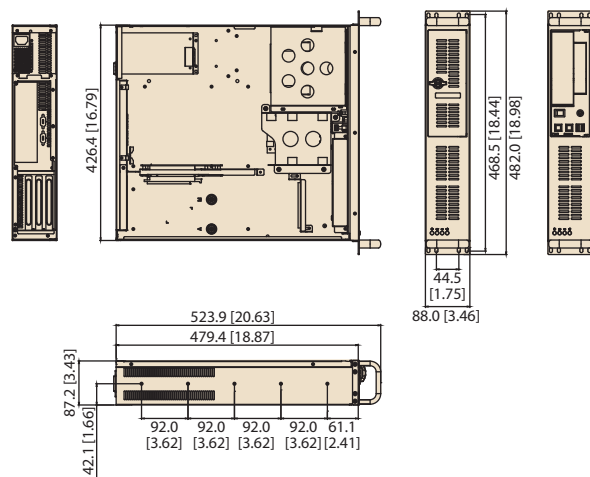
Rear I/O bracket for low profile add-on cards



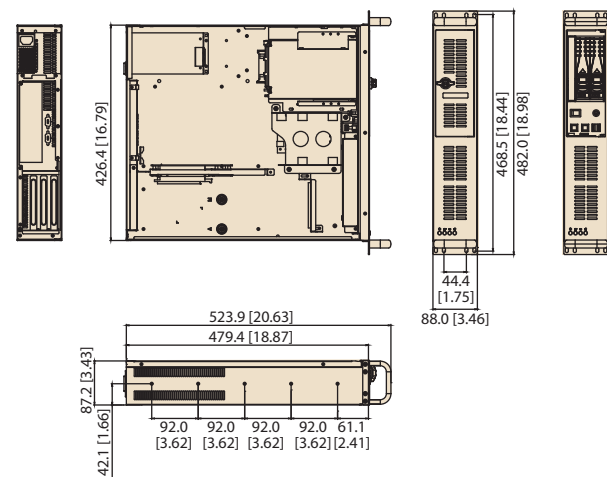
Dimensions

Unit: mm [inch]

ACP-2010



ACP-2320



Ordering Information

Part Number	Power Supply
ACP-2010MB-00CE	Without power supply
ACP-2320MB-00CE	Without power supply

Power Supply Options

Part Number	80 Plus Grade	Wattage	Type	Input
PS8-250FATX-XE	Bronze	250W	Single	AC 100 ~ 240 V (full range)
PS8-350FATX-XE	Bronze	350W	Single	AC 100 ~ 240 V (full range)
96PSR-A250W2U	non-80 Plus	250W	(1+1) Redundant	AC 100 ~ 240 V (full range)

Optional Accessories

Part Number	Description
1950014302N001	Special bracket for riser card AIMB-RP3P8-12A1E
96CB-SATAPOWER-6P1	SATA power wire 6-pin to big 4-pin (for slim ODD)
IDT-3120E	Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays
Rear I/O panel kit for low-profile add-on cards	
1939000361	Screw (should purchase 7 pcs)
1960034816N000	I/O bracket (should purchase 7 pcs)
1960019475T201	Rear panel for low-profile

Spare Parts

Part Number	Description
9662132020E	Black mobile HDD tray
1990007986S000	Filter behind the door 156 x 45 x 5 mm
1990001949	Filter in the front of the fans 168 x 58 mm

Mouser Electronics

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