

2U-7242

2U Rackmount Chassis for ATX Motherboard with 4 Hot-Swap SAS/SATA HDD Trays and RPS



Features

- Supports ATX motherboard with dual processors
- Four shock-resistant hot-swap disk trays supporting 3.5" or 2.5" SAS/SATA drives for RAID 5/10 application, one slim ODD, and two 2.5" internal drives
- Dual front USB 3.0 ports
- Supports 80plus single or redundant power supply up to 700W
- Front-accessible system fan without opening top cover for easy maintenance
- LED indicators and audible alarm notification for system fault detection
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

Quiet

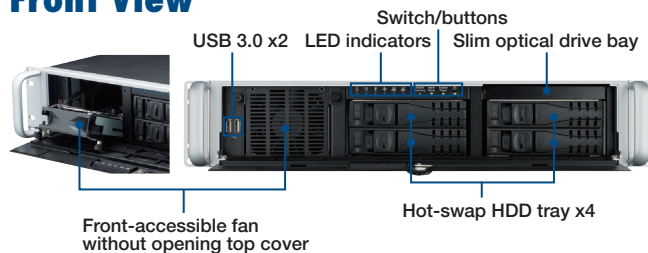
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Specifications

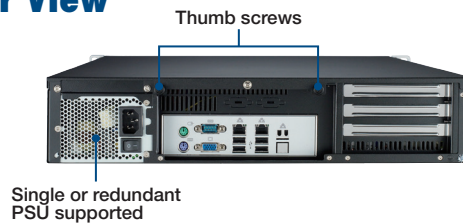
		External	Internal
Drive Bay	Slim Optical Drive	1	-
	2.5"	-	2
	Hot Swap	4 SAS/SATA HDDs	
Cooling	Fan	1 (8 cm/47CFM) + 2 (6 cm/28CFM) for SAS/SATA storage unit	
	Air Filter	Yes	
Front I/O Interface	USB 3.0*	2	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
	Rear Panel	Two 9-pin D-Sub	
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 enabled these functions, check with Advantech local rep. for detailed information.)		
Environment	Temperature	Operating 0 ~ 40° C (32 ~ 104° F)	Non-Operating -40 ~ 70° C (-40 ~ 156° F)
	Humidity	10 ~ 95% @ 40° C, non-condensing	
	Vibration (5 ~ 500 Hz)	1 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 525 mm (19" x 3.46" x 20.67")	
	Weight	13.7 kg (30.12 lb)	

* The USB ports do not operate if a main board without on-board USB 3.0 internal box header is installed.

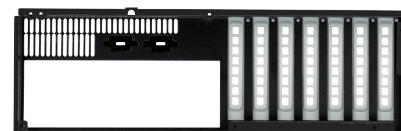
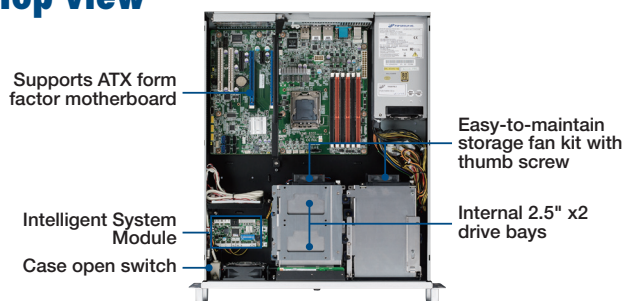
Front View



Rear View



Top view

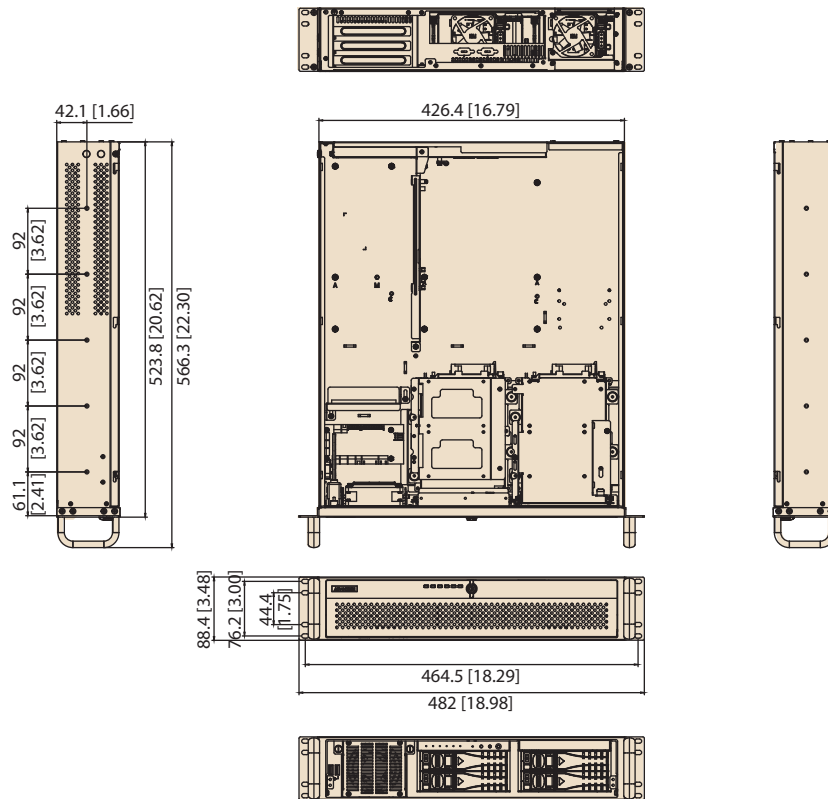


Rear I/O bracket for low profile add-on cards

*Note: Motherboard and power supply are not included.

Dimensions

Unit: mm [inch]



Ordering Information

Part Number	Description
2U-7242MB-00XE	Without PSU, with ATX switch

Packing List

Part Number	Description
9662132020E	Black mobile HDD tray
1990021407T000	Door filter

Power Supply Options

Part Number	80 Plus Grade	Wattage	Type	Input
PS8-350FATX-XE	Bronze	350W	Single	AC 100 ~ 240 V (full range)
PS8-500U2-XE	Bronze	500W	Single	AC 100 ~ 240 V (full range)
RPS8-500U2-XE	Bronze	500W	(1+1) Redundant	AC 100 ~ 240 V (full range)
RPS8-700U2-XE	Bronze	700W	(1+1) Redundant	AC 100 ~ 240 V (full range)

Optional Accessories

Part Number	Description
96CB-SATAPOWER-6P1	SATA power wire 6-pin to big 4-pin (for slim ODD)
1950014302N001	Special bracket for riser card AIMB-RP3P8-12A1E
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