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

C € FCC

Specifications

-			
		External	Internal
Drive Day	Slim Optical Drive	1	-
Drive Bay	2.5"	-	2
	Hot Swap	4 SAS/SATA HDDs	
Caaling	Fan	1 (8 cm/47CFM) + 2 (6 cm/28CFM) for SAS/SA	TA storage unit
Cooling	Air Filter	Yes	
Front I/O Interface	USB 3.0*	2	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
Miscellaneous	Rear Panel	Two 9-pin D-Sub	
Intelligent System Module Remote Monitoring	CPU/System fan speed, CPU/Syst (Only selected Advantech MBs/CP information.)	ese functions, check with Advantech local rep. for detailed	
		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-40 ~ 70° C (-40 ~ 156° F)
Environment	Humidity	10 ~ 95% @ 40° C, non-condensing	10 ~ 95% @ 60° 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")	
r nysicar Gharacteristics	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.



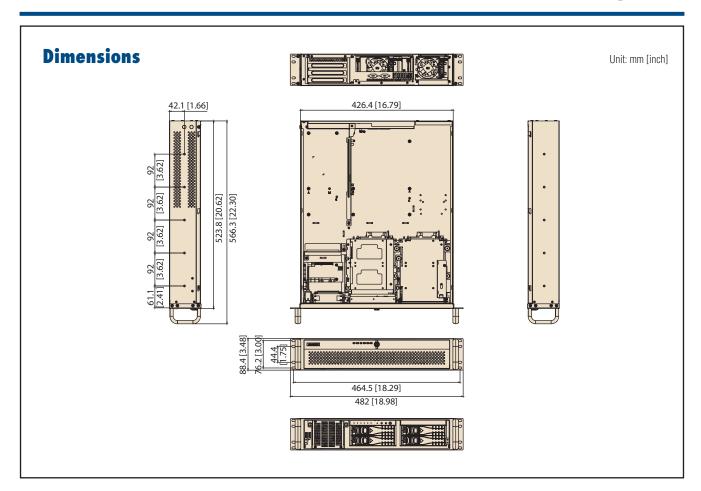


Thumb screws Thumb screws Single or redundant PSU supported



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

*Note: Motherboard and power supply are not included.



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

P	art Number	80 Plus Grade	Wattage	Туре	Input
PS	S8-350FATX-XE	Bronze	350W	Single	AC 100 ~ 240 V (full range)
PS	S8-500U2-XE	Bronze	500W	Single	AC 100 ~ 240 V (full range)
RI	PS8-500U2-XE	Bronze	500W	(1+1) Redundant	AC 100 ~ 240 V (full range)
RI	PS8-700U2-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	