HPC-8208

2U Rackmount Chassis for ATX/EATX Motherboard with 8 Hot-Swap SAS3/SATA3 HDD Trays and RPS

Features

- Supports ATX/EATX motherboard with dual processors
- Eight shock-resistant hot-swap disk trays supporting 3.5" or 2.5" SAS3/SATA3 drives, one slim ODD, and two 2.5" internal drives
- Dual front USB 3.0 ports
- Supports 80plus single or redundant power supply up to 800W
- LED indicators for system fault detection

CE FCC

Specifications

		External	Internal
Drive Bay	Slim Optical Drive	1	-
	2.5"	-	2
	Hot Swap	8 x 3.5"/2.5"(SATA3/SAS3)	
8-Port HD Backplane	Type	Passive (without SAS expander)	
	Host interface	2 x 36Pin Mini-SAS HD (SFF-8643) connector for storage controller	
	HDD interface	8 x 29Pin SFF-8680 connector for SAS3 / SATA3 HD	
	Display	2 x LEDs (Activity & Status) for each HD bay	
	Power input	2 x 4-pin (5.08mm) +5V & +12V power connectors	
	SGPIO	Support the status LED of array via SFF-8643 sideband	
Cooling	Fan	3 x 8038 internal system fan	
	Air Filter	-	
Front I/O Interface	USB 3.0*	2	
Miscellaneous	LED Indicators	Power, HDD, LAN1, LAN2, System information	
	Rear Panel	Two 9-pin D-Sub	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-40 ~ 70 °C (-40 ~ 156 °F)
	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)	438 x 88 x 620 mm (17.25" x 3.46" x 24.4")	
	Weight	13.7 kg (30.12 lb)	

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

https://stravee.com

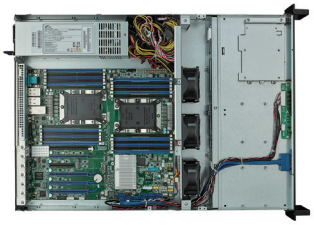
Front View

Rear View

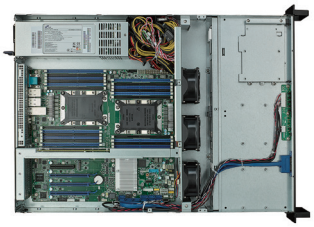
Standard 7*low-profile expansion cards version

Optional 3*full-height expansion cards version

Top view



Standard 7*low-profile expansion cards version



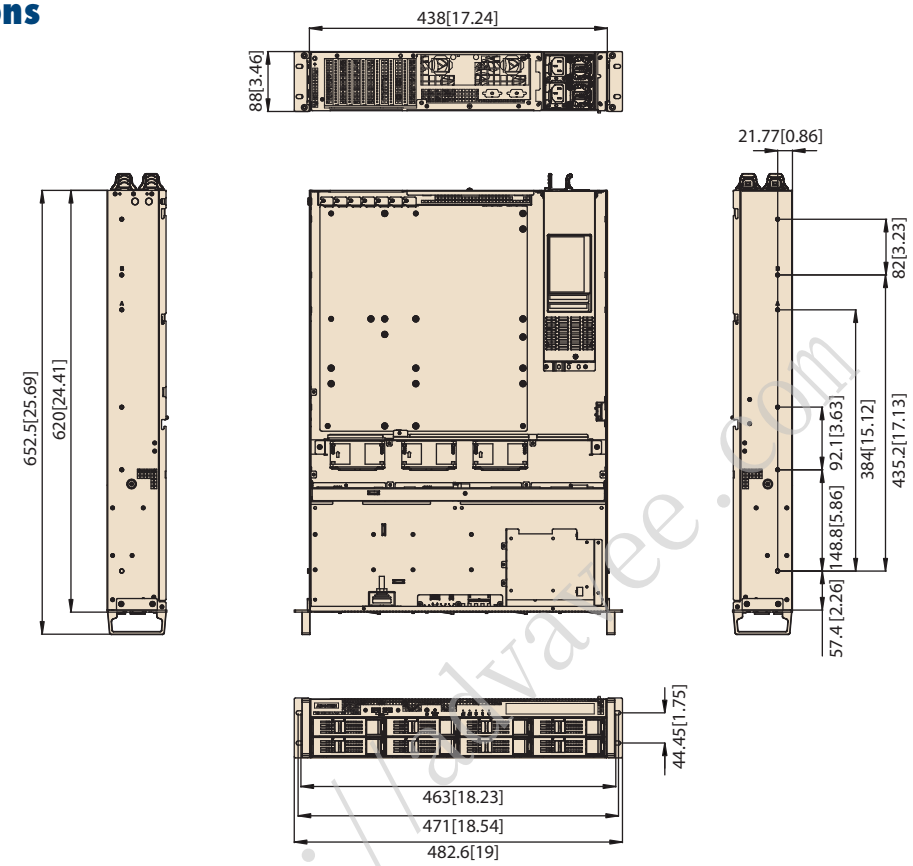
Optional 3*full-height expansion cards version

All product specifications are subject to change without notice.

Last updated: 27-Mar-2025

Dimensions

Unit: mm [inch]



https://advatec.com

Ordering Information

Part Number	Description
HPC-8208-80RA1	HPC-8208 2U-8bay SAS EATX Chassis w/ RPSU 800W
HPC-8208-55RA1	HPC-8208 2U-8bay SAS EATX Chassis w/ RPSU 550W
HPC-8208-85ZA1	HPC-8208 2U-8bay SAS EATX Chassis w/ SPS 850W

Packing List

Part Number	Description
96618316100	HDD drawer for 2.5"/3.5" HDD/SSD

Optional Accessories

Part Number	Description
96CB-SATAPOWER-6P2	SATA power wire 6-pin to big 4-pin (for slim ODD)
1700029584-01	Mini SAS HD to 4-port SATA Cable
1700025064-01	Mini SAS HD to Mini SAS HD Cable
1700003194	SATA cable for slim ODD or internal 2.5" HDD/SSD
968DE00067	26" Slide Rail Kit
98R18104000	2.5" internal SSD kit (for 2pcs SSD)
Rear I/O panel kit for full-height add-on cards	
ASMB-RF388-21A2E	PCIe x16 to 1 PCIe x8 + 2 PCIe x4 riser card
ASMB-RF1F-10A1E	PCIe x16 to 1 PCIe x16 riser card
98R28208000*	Rear I/O panel kit for full-height add-on cards

Note: To support FH add-on card, ASMB riser card is required.