

## 4U ATX hotswap symmetrical server chassis

The ATX and MicroATX and Mini-ITX with multi-core processor structure and the newest Intel X99 platform have already the trend nowadays, the most prominent feature of S420B-ATX is the short depth at 583.3mm only, and also compatible with 20 sets of 3.5" hotswap drives as well as 2 sets of 2.5" internal hard drive space, excellent matching and application of RAID controller card installed to comply with this storage server in the cloud environment. A large number and variety of choice of hard disk access space, front and rear symmetrical bodies patented design can also enhance the system integration flexibility and overall strength, also the whole bodies do not skew or distort to achieve robust and ensure the security and stability of the system. Cooling by two Sunon 120mm x 25mm 2-ball bearing fans as standard and effective cooling system, combines the advantages of multi-functional and competitive price, welcome worldwide distribution.

### Specification

- \* Two internal 2.5" HDD bay:  
7mm~15mm height of 2.5" EasySwap HDD/SSD compatible
- \* 20 hotswap 3.5" HDD bay (2.5" HDD/SSD also compatible):  
SATA2/SATA3(6G) & SAS-1/SAS-2(6G) HDD, max. 25.4mm height of HDD compatible or MiniSAS HD (12G) HDD, max. 26.1mm height of HDD compatible (additional RAID Controller Card required)
- \* Mobile rack LED at Left: Green power LED
- \* Mobile rack LED at Right: Blue access LED (solid Red light if HDD temp over 60-degree C)
- \* Stainless & Hair surface proceeded mobile rack structure with security keylock
- \* 5 Hotswap 6G backplanes SFF-8087: 1 to 4port MiniSAS connector (S420B-ATX)
- \* 5 Hotswap 12G backplanes SFF-8643: 1 to 4port MiniSAS HD connector (S420B-ATX-12G)
- \* Front bezel equipped with two USB 2.0 ports
- \* Equipped with heavy duty durable aluminum die-casting handles
- \* Two EasySwap Sunon 120mmx25mm 2ball bearing fans against HDD as standard
- \* Room noise without fans activated is 49dBA, tested by 10cm distance to the running fans is 58dBA (including room noise)
- \* Compatible MB: CEB (12"x10.5"), ATX(12"x9.6"), MicroATX(9.6"x9.6"), Mini-ITX(6.7"x6.7")
- \* 8cm or 12cm~14cm fan version standard PS2 PSU compatible (max. depth at 280mm)
- \* Enhance ENR0500 PS2 Mini Redundant PS (depth 185mm, front & rear precisely fixed)
- \* Zippy MRT & MRW PS2 Mini Redundant PS (depth 185mm, front & rear precisely fixed)
- \* Etasis EFRP-2402, 2462, S2502 PS2 Mini Redundant PS (depth 190mm, front & rear fixed)
- \* SureStar R4B PS2 Mini Redundant PS (depth 199mm, front & rear precisely fixed)
- \* Zippy MRG PS2 Mini Redundant PS (depth 200mm, front & rear precisely fixed)
- \* Support 7 slot full height expansion cards at max. 270mm deep
- \* Major sheet metal by SGCC 1.2mm~2.0mm thickness with no burr & sharp corner design
- \* Patented front/rear symmetrical body design makes system flexibility & durable strength
- \* Standard paint: scratch-resistant Black textured at front
- \* Genesys Group branded server chassis model (with build-in fans) global 3 years warranty
- \* Chassis dimension: 19" x 4U x 583.3mm (22.96" deep)
- \* Accessory pack: Key x4, MB stand-off x11, #6 truss screw x20, #6 countersunk screw x4, M3 countersunk screw x8, hotswap mobile rack module's ID sign & parts x1 set
- \* Package: NW 17 KGM, GW 20 KGM, 5.27 CUFT (31x77x62.5cm, 5-layer double cartons)

### Ordering Information

- Model#: S420B-ATX, 4U ATX 6G hotswap symmetrical server chassis (6G version)  
Model#: S420B-ATX-12G, 4U ATX 12G hotswap symmetrical server chassis (12G version)
- Option A-1: Support 8cm & 12cm & 14cm fan version PS2 power supply (max. depth at 280mm)  
Option A-2: Support Enhance ENR0500 series 400W/500W/600W PS2 Mini Redundant power supply (depth at 185mm)  
Option A-3: Support Zippy MRT & MRW series 300W~600W PS2 Mini Redundant power supply (depth at 185mm)  
Option A-4: Etasis 400W/460W/500W EFRP-2402 & EFRP-2462 & EFRP-S2502 PS2 Mini Redundant PS (depth at 190mm)  
Option A-5: Support SureStar R4B series 400W/500W/600W/700W/800W PS2 Mini Redundant PS (depth at 199mm)  
Option A-6: Support Zippy MRG series 500W~800W PS2 Mini Redundant power supply (depth at 200mm)  
Option B-1: NJ-S628, 628mm 3-travel slimline slide rail (part# is 1 pair, compatible cabinet external depth 700mm~1000mm)  
Option B-2: SRMK-550, 550mm Slimline rear mounting kit (part# is 1 pair)  
Option C-1: Cable, 4SATA-1MSAS-500MM, Four SATA (Host) to SFF-8087 Mini-SAS (Device) cable  
Option C-2: Cable, 1MSAS-1MSAS-500MM, SFF-8087 Mini-SAS (Host) to Mini-SAS (Device) cable  
Option C-3: Cable, SFF-8643-500MM, SFF-8643 Mini-SAS HD (Host) to SFF-8643 Mini-SAS HD (Device) cable  
Option D: SUNON8025, Exhaust 80mmx25mm fan installed above I/O shield at rear (part# is 1pcs, can install 2pcs at rear panel)  
Option E-1: 2U2011A-8080, 2U Intel LGA2011 active CPU cooler Square (2U 3U 4U chassis compatible)  
Option E-2: 2U2011A-5694, 2U Intel LGA2011 active CPU cooler Narrow (2U 3U 4U chassis compatible)



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