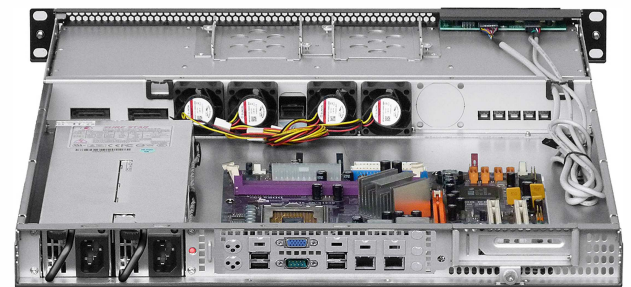# Genesys Group®

The most prominent feature of S104B-mATX is the short depth at 600mm, compatible with 4 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, the whole bodies do not skew or distort to achieve robust and ensure the security and stability of the system. Cooling as standard four 40mmx20mm 2-ball bearing fans (40mmx28mm 2-ball bearing fans as option) as effective cooling system, combines the advantages of multi-functional and competitive price, welcome worldwide distribution.

Specification

* Two internal 2.5" SSD/HDD bay: 7mm~9.5mm height of 2.5" HDD/SSD compatible at front compartment
* Four hotswap 3.5" HDD bay (2.5" SSD also installable in 3.5" HDD space):
  SATA1/2/3 & SAS1/2 HDD 6Gbps, max. height at 25.4mm (RAID card required)
  or SATA3.2/3.3 & SAS3 HDD 12Gbps, max. height at 26.1mm (RAID card required)
* Mobile rack Left LED: Green power LED
* Mobile rack Right LED: Blue access LED (solid Red light if HDD temp over 60-degree C)
* Stainless & Hair surface proceeded mobile rack structure with security keylock
* Hotswap 6G SFF-8087 backplane: 1 to 4port MiniSAS connector (S104B-mATX)
* Hotswap 12G SFF-8643 backplane: 1 to 4port MiniSAS HD connector (S104B-mATX-12G)
* Front bezel equipped with two USB 2.0 ports
* Four brand new 40mmx20mm intake 2-ball bearing fans (fan part# SUNTAi4020)
* Compatible motherboard: MicroATX(9.6"x9.6"), Mini-ITX(6.7"x6.7")
* Various Genesys Group 1U I/O shield available (option, increasing more items daily)
* Option: 1U ATX 250W/300W/350W/400W hotswap redundant power supply
* Support 1 slot LPF expansion card with quick assembly bracket (max. 340mm deep)
* Major sheet metal by SGCC 1.0mm~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 chassis with build-in electronics in global 3 years warranty
* Chassis dimension: 19" x 1U x 600mm (23.62" deep)
* Accessory: Screw x21, MB stand-off x20, key x2, ID sign & parts x1 set
* Package: NW 8.5 KGM, GW 9.5 KGM, 2.0 CUFT (carton size at 71.5x56.5x14cm)

Ordering Information

Model#: S104B-mATX, 1U mATX 6G redundant symmetrical server chassis (6G version)
Model#: S104B-mATX-12G, 1U mATX 12G redundant symmetrical server chassis (12G version)
Option A-1: R1J-250I1H2A0, 1U ATX 250W redundant power supply with PFC (psu size at W.106 x H.41.5 x L.260/mm)
Option A-2: R1J-300I1H2A0, 1U ATX 300W redundant power supply with PFC (psu size at W.106 x H.41.5 x L.260/mm)
Option A-3: R1J-350I1H2A0, 1U ATX 350W redundant power supply with PFC (psu size at W.106 x H.41.5 x L.260/mm)
Option A-4: R1J-400I1H2A0, 1U ATX 400W redundant power supply with PFC (psu size at W.106 x H.41.5 x L.260/mm)
Option B-1: NJ-S628, 628mm 3-travel slimline slide rail (part# is 1 pair, compatible cabinet external depth 700~1000mm)
Option B-2: SRMK-550, 550mm Slimline rear mounting kit (part# is 1 pair)
Option C: 1U1PCIE16XL+1U1PCIE16XL-EXT (or the other riser card)
Option D: 1U I/O shield
Option E-1: 4SATA-1MSAS-500MM, Four SATA (Host) to SFF-8087 Mini-SAS (Device) cable
Option E-2: 1MSAS-1MSAS-500MM, SFF-8087 Mini-SAS (Host) to SFF-8087 Mini-SAS (Device) cable
Option E-3: SFF-8643-500MM, SFF-8643 Mini-SAS HD (Host) to SFF-8643 Mini-SAS HD (Device) cable
Option E-4: 4SATA-SFF-8643-500MM, Four SATA (Host) to SFF-8643 Mini-SAS HD (Device) cable
Option F-1: JB18A, 1U Intel LGA115x Xeon 1230 active CPU cooler
Option F-2: JB15C-8080, 1U Intel LGA2011 LGA2066 active CPU cooler
Option F-3: JB15C-5694, 1U Intel LGA2011 active CPU cooler
Option F-4: 1U3647A-R73, 1U Intel LGA3647 active CPU cooler Narrow
Option F-5: 1U1700A-V12, 1U Intel LGA1700 active CPU cooler

2.5" SSD & 3.5" HDD mounting holes are both compatible in this tray

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