Genesys Group ®

S104B-eATX
1U eATX 6G/12G hotswap symmetrical server chassis

The most prominent feature of S104B-eATX 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 Sunon 40mm x 20mm MagLev bearing fans (40mm x 28mm 2ball fans as option) as effective cooling system, combines the advantages of multi-functional and competitive price, welcome worldwide distribution.
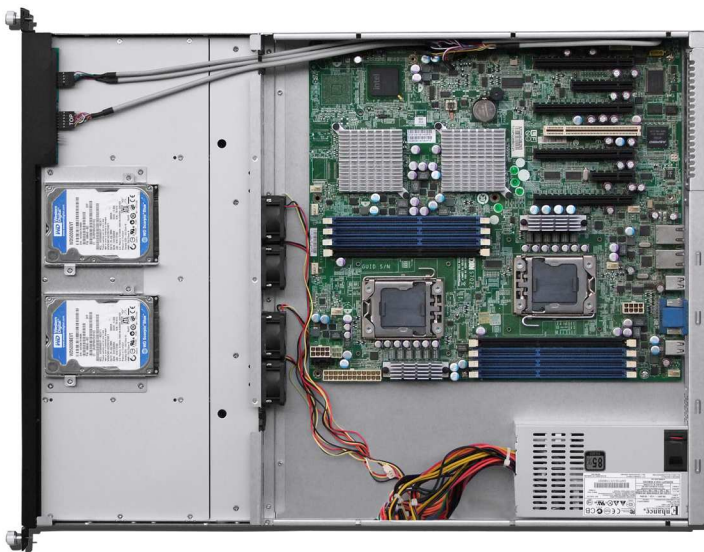

Specification

* 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 (four hotswap 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 (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-eATX)
* Hotswap 12G SFF-8643 backplane: 1 to 4port MiniSAS HD connector (S104B-eATX-12G)
* Front bezel equipped with two USB 2.0 ports
* Four brand new Sunon MB40201VX-000C-G99 40mm x 20mm intake fans against HDD
* Room noise w/o fans activated is 49dBA, tested by 10cm distance to running fans is 68dBA (including room noise)
* Compatible motherboard: eATX EEB3.61(12"×13"), ATX(12"x9.6"), MicroATX(9.6"x9.6"), Mini-ITX(6.7"x6.7")
* Various Genesys Group 1U I/O shield available (option, increasing more items daily)
* Support standard 1U FlexATX 300W power supply with PFC (max. psu depth: 150mm)
* Support 1 slot full height 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 branded server chassis in global 3 years warranty
* Chassis dimension: 19" x 1U x 600mm (23.62" deep)
* Accessory pack: M3 flat x8, #6 truss x13, MB stand-off x10, key x2, hotswap mobile rack
  module's ID sign & parts x1 set
* Package: NW 8.5 KGM, GW 9.5 KGM, 2.0 CUFT (71.5x56.5x14cm, one box packed)

Ordering Information

Model#: S104B-eATX, 1U eATX 6G hotswap symmetrical server chassis (6G version)
Model#: S104B-eATX-12G, 1U eATX 12G hotswap symmetrical server chassis (12G version)
Option A: ENP-7130B, 1U FlexATX 300W power supply with PFC (psu size 81.5 x 40.5 x 150/mm)
Option B: Various 1U riser card (for example 1U1PCIE16XL+1U1PCIE16XL-EXT)
Option C: 1U active CPU Cooler, LGA2011 or LGA115x or Xeon1230 active CPU cooler
Option D: 1U I/O shield
Option E-1: NJ-S628, 628mm 3-travel slimline slide rail (support cabinet external depth 700~1000mm)
Option E-2: SRMK-550, 550mm Slimline rear mounting kit (part# is 1 pair)
Option F-1: 4SATA-1MSAS-500MM, Four SATA (Host) to SFF-8087 Mini-SAS (Device) cable
Option F-2: 1MSAS-1MSAS-500MM, SFF-8087 Mini-SAS (Host) to Mini-SAS (Device) cable
Option F-3: SFF-8643-500MM, SFF-8643 Mini-SAS HD (Host) to (Device) cable 12G
Option F-4: 4SATA-SFF-8643-500MM, Four SATA (Host) to SFF-8643 (Device) cable 12G

Latest updated on September 11, 2018