Inspur NF5460M4

4U Dual-socket Hig Capacity Rackmount Storage Server

NF5460M4 is a 4U two-socket high performance storage server powered by the latest Intel® Xeon® E5-2600 v3 processors. It has storage capacity of up to 36 x 3.5" front loading hot-swappable hard disks and 2 x 2.5" hot-swappable rear access drive bays which are ideal for boot devices. Target applications include cloud storage systems, video surveillance data storage, distributed storage, big data, and other applications that require high storage capacity and computing power.

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》 Product Features

Massive Storage:

NF5460M4 supports up to 36 x 3.5" hot-swappable front loading hard disks with 2 x 2.5" additional hot-swappable rear drives that can be used as mirrored boot drives. The storage server leverages the latest 12Gb/s SAS direct attach technology with maximum transfer rate and bandwidth to deliver the performance and security demands of next generation of enterprise data storage.

Flexible Storage Options:

With single SAS controller, the system is capable of delivering the IO performance for most general purpose storage needs. For applications that require extreme data transfer rate and bandwidth, NF5460M4 can support up to 3 SAS HBA or RAID controllers. This provides maximum data transfer rate for the storage system, with enough bandwidth to fully saturate the PCIe G3 bus.

High Performance:

NF5460M4 is powered by a pair of Intel® Xeon® E5-2600 v3 processors and 2133MHz DDR4 memory. With up to 18 physical cores per CPU, the storage server is equipped to handing increasing demands for storage and quickly crunch through complex data analytics problems.

High reliability:

The storage server features high-efficiency redundant power supplies to minimize system downtime by avoiding single failure. The optimized design of the cooling system and the built in monitoring system provide added assurance for the system to operate in the most stable and reliability fashion, thereby reducing operation risks and minimizing service interruption.

》 Target Customers

Private ad public cloud operators, educations, telecommunications, government, large enterprises, etc.

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Model	NF5460M4
Form Factor	4U Rackmount Server
Processor	2 x Intel® Xeon® E5-2600 v3 processors
Memory	20 DIMM slots, 2133MHz DDR4 1.280TB max Support advanced memory error correction, memory mirroring, hot standby and other advanced functions.
Hard Disk Controller	6 Gb/s or 12 Gb/s SAS HBA or RAID 0/1/5/6/10/50/60; extensible cache with BBU
Hard Disk	36x 3.5" hot-swap HHD/SSD, 2x 2.5" rear access hot-swap drives
I/O Expansion	6 x PCIe 3.0 slot
Integrated I/O Port	2 x USB 3.0 interface, 1 x standard VGA interface, 1 x serial port, 1 x RJ45 interface for independent management.
Network Controller	Integrated dual-port 1Gb network card, support virtualized acceleration, network acceleration, load balancing, redundancy and other advanced functions, Optional 1Gb/10Gb/40G add-in network cards
Power Supply	1+1 1200W platinum PSU
Fan	3 x high efficiency fans
Management function	IPMI2.0, KVM over IP, virtual media and other management functions; Support the latest Inspur Ruijie server management suite Inspur for details.
Operating temperature	5ºC - 35ºC
Supply voltage	220V AC/240V HVDC
Chassis size	W (width) 446mm; H (height) 173mm; D (depth) 741mm
Weight at full configuration	68kg or 150lbs (total package weight)
Chassis Dimensions	1.73"(H), 17"(W), 28.74"(D) / 44mm(H), 430mm (W), 730mm (D)
Reference Weight	26kg / 57 lbs