Inspur NF5170M4 1U Rackmount Server

Inspur NF5170M4 1U Server supports dual Intel® Xeon® E5-2600 / E5-2600V3 processors and 16 DDR4 DIMMs. This cost effective powerful server is ideal for search application, cache server, APP Server, web server and general purpose applications.

> ## Flexible Storage Configuration Options, High Performance

Inspur NF5170M4 can be configured with 10 hot-plug 2.5" bays or 8 hot-plug 2.5" bays plus optional DVD-ROM. NF5170M4 also offers the unique design of having 4 hot-plug 3.5" SATA/SAS bays plus 2 hot plug 2.5" bays in the front for SSDs.

Up to 4 NVMe drives can be installed to improve throughput gains and performance.

> ## Multiple Onboard IO Options, Energy Efficient Design

Inspur NF5170M4 offers onboard 4 port 1GbE ports or option to upgrade to onboard dual port 10G SFP+ ports plus option for onboard LSI 3008 HBA for the most cost effective and high performance server design. Additional 2 PCI-e slots are available for future upgrades. Multiple general and platinum power supply options are provided, supporting PMBUS and Intel's latest NM 3.0 technology.

Inspur thermal design optimizes air flow control using the latest PID technology to effectively dissipate heat, control and reduce system noise, which significantly increases product durability and reliability and significantly reduce system power consumption when coupled with a platinum-level high efficiency power supply.

> ## Multiple Onboard IO Options, Energy Efficient Design

Inspur Systems Inc., located in Fremont, CA, is part of Inspur Group, a global IT Solutions Provider. Inspur has three listed companies: Inspur Information, Inspur Software and Inspur International. The three business groups – Systems & Technology, Software & Service and Semiconductor – provide IT products and services for over 85 countries in the world. Inspur is ranked by Gartner as the Top5 largest server manufacturer in the world and Top1 in China. We ship over 500,000 servers annually. Inspur provides our global customers with data center servers and storage solutions which are Tier1 quality and performance, energy efficient, cost effective and built specific to actual workloads and data center environments.

Inspur builds over 50% of the Rackscale server hardware for Alibaba worldwide datacenters and over 85% of the Rackscale server hardware for Baidu worldwide datacenters. Our Rackscale server platform, Inspur SmartRack, is the best choice for hyperscale deployments. The fastest Supercomputer in the world - Milky Way2 - is built by Inspur and consistently maintains the Top1 spot on Top500 list since 2013. As a leading total solution and services provider, Inspur is capable of providing total solutions at IaaS, PaaS and SaaS level with high-end servers, mass storage systems, cloud operating system and information security technology.

❯ Inspur NF5170M4 1U Rackmount Server

Model	NF5170M4
Photo	Support 2 Intel®Xeon®E5-2600V3 Processors
Chipset	Intel ®C610 server chipset
Memory	16 Memory slots; support DDR4 ECC Registered Memory Support advanced memory error correction, mirroring, hot standby and other advanced features
Hard Disk Controller	Onboard SATA 6G disk controller Optional onboard LSI 3008 SAS 12G disk controller
Raid	Optional high-performance SAS RAID controller with cache to support RAID 0/1/5/6/10/50/60 with optional Supercap
Storage	Option 1: 10 hot-plug 2.5" SATA/SAS bays for HDDs or SSDs Option 2: 8 hot-plug 2.5" SATA/SAS bays for HDDs or SSDs + optional DVD-ROM Option 3: 4 hot-plug 3.5" SATA/SAS bays + 2 hot-plug 2.5" bays for SSD Optional support for 4 NVMe SSDs for all configurations
I/O Expansion slot	Supports 2 PCI-E slots via riser card: CPU0 supports 1x PCI-Ex8+x1 (HHHL) CPU1 supports 1x PCI-E x16 (FHHL) Both CPUs need to be populated for all slots to work
Integrated I/O port	Front: 1 USB port; 1 standard VGA interface Rear: 2 USB interfaces; 1 standard VGA interface Internal: 2 USB ports and 1 internal serial port
Network Controller	Option 1: Onboard quad ports 1Gb Intel I350 Option 2: Onboard dual ports 10G SFP+ Intel 82599 controller and onboard dual port 1GbE Support virtual acceleration, network acceleration, load balancing, redundancy and other advanced features
Power Supply	Support platinum/titanium power supply Single or Dual Power Supply options Support PMBUS
Management	Onboard Aspeed 2400 BMC chipset; support IPMI2.0, KVM over IP, virtual media and other advanced management features
Supported Operating Systems	Microsoft Windows Server 2012 R2 Microsoft Windows Server 2012 64bit Red Hat Enterprise Linux6 U4 32/64bit Red Hat Enterprise Linux6 U5 64bit SuSE Linux Enterprise Server 11 SP3 64Bit Different operating systems are supported in different configurations. Consult with Inspur for details.
Working Environmental Temperature	10°C -- 35°C 5°C -- 45°C(customized configuration available)
Safety Certifications	FCC, UL, CE, CCC, CU
International Certification	ISO9000 International Quality Management System ISO14001 International Environment Management System
Chassis Dimensions	1.73"(H), 17"(W), 28.74"(D) / 44mm(H), 430mm (W), 730mm (D)
Reference Weight	26kg / 57 lbs

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