

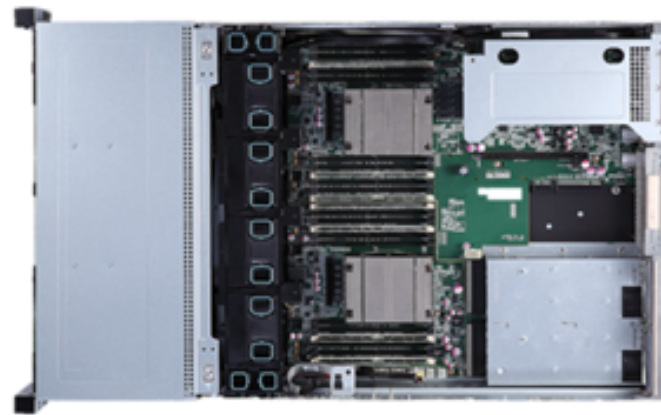


# Inspur NF5180M4 1U Enterprise Rackmount Server

Inspur NF5180M4 1U Enterprise Server supports dual Intel® Xeon® E5-2600 / E5-2600V3 processors and 24 DDR4 DIMMs. This powerful server is ideal for enterprise cloud application, distributed file system server, ERP and small and medium-scale database, virtualization and high end enterprise applications.



Build a more secure cloud with Intel Technology.



## > Flexible Storage Configuration Options, Enterprise Performance

Inspur NF5180M4 can be configured with 10 hot-plug 2.5" bays or 8 hot-plug 2.5" bays plus optional DVD-ROM. NF5180M4 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.

## > Scalable IO Options, Energy Efficient Design

Inspur NF5180M4 enterprise grade design offers 3 PCI-e add on card slots for configuring the server to scale for multiple applications. The x8 mezzanine slot offers choices to upgrade IO configuration with 10G SFP+ or 10G-BaseT. 2 PCI-e x16 full height slots are available to improve IO performance through use of flash cards such as Fusion IO. 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.

## > Who is Inspur?

Inspur Systems Inc., located in Fremont, CA, is part of Inspur Group, a leading Cloud Computing and global IT Solutions Provider founded since 1945. Inspur has three listed companies publicly traded since 1998: 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. 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 is the majority server vendor for Alibaba and Baidu worldwide datacenters. Our Rackscale server platform, Inspur SmartRack, is the best choice for hyperscale datacenter and cloud 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 solutions 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 NF5180M41U Rackmount Server

Model	NF5280M4
Photo	Support 2 Intel®Xeon®E5-2600v3 Processors
Chipset	Intel ®C612 server chipset
Memory	24 Memory slots; support DDR4 ECC Register Support advanced memory error correction, mirroring, hot standby and other advanced features
Hard Disk Controller	Onboard SATA 6Gb disk controller through Intel PCH
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 3 PCI-E slots: 2x PCI-Ex16(FHHL) via riser card 1x PCI-E x8 mezzanine slot with option for dual port 10G SFP+ or 10G-BaseT 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	Onboard dual ports 1GbE Intel I350 controller Support virtual acceleration, network acceleration, load balancing, redundancy and other advanced features
Power Supply	Support platinum/titanium power supply; 1+1 redundancy optional; support PMBUS
Management	Onboard Aspeed 2400 BMC chipset; dedicated RJ45 LAN port for out of band management; 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
Environmental Temperature	10°C -- 35°C 5°C -- 45°C(customized configuration available)
Input Voltage	110-240V
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

