

## Inspur NF5476M5 server



Inspur NF5476M5 is a 4U dual-socket rackmount server built on the Intel® Xeon® Scalable processor. Created for mass storage, it can be applied to warm and cold data storage in different sectors. The excellent design, extraordinary computing performance, and flexible and large-scale local storage capacity make Inspur NF5476M5 the ideal product for the cloud storage resource pool, video storage, HPC, big data, archiving and other applications.

### Target Users

Best choice for users in the Internet, transportation, government, broadcasting, finance, telecommunication, healthcare, education and etc.

### Application Scenarios:

- Cloud storage resource pool
- Video storage
- HPC
- Big data
- Archive storage

### Product Features

#### Mass Storage

The 4U chassis supports up to 60 3.5" hot-swap hard drives, with a storage capacity of up to 960T.

4 2.5" U.2 NVMe SSDs (or 2.5" SATA SSDs) and 2 SATA M.2 SSDs for tiered storage.

#### Green + Energy Efficiency

Inspur's power management technology enables accurate real-time monitoring and control of the system power consumption.

Multiple energy-saving technologies such as fan speed control, hard drive energy-saving, intelligent power management, PSU hibernation, etc.

#### Simple Maintenance

Special structure design: high-density of hot-swap 3.5" hard drives.

Human-centered design: replace hard drives, CPU, memory, fan, PSU, board card and other components without removing the server from the rack.

#### Intelligent Management

ISPIM (Inspur Infrastructure Management Platform) is a self-developed monitoring system for real-time data collection and alarming.

ISBMC (Inspur server baseboard management system) automatically executes management tasks to ensure stable server operations.

## Technical Specifications

Model	Description
Specifications	4U rackmount server
Processor	Support 1-2 Intel® Xeon® Scalable processor(s): 3100/4100/4200/5100/5200/6100/6200/8100/8200 series. Support up to 28 cores, maximum 3.8 GHz (4 cores). 2 UPI interconnected chains with max. speed of 10.4GT/s per chain.
Memory	Support up to 12 DIMMs and 6 memory channels per processor. Maximum speed of 2,933 MT/s and support RDIMM and LRDIMM. Support ECC memory, memory mirror, and memory rank sparing.
Storage	<ul style="list-style-type: none"> <li>• 60* 3.5" SATA HDDs</li> <li>• 4* U.2 NVMe/SATA SSDs</li> <li>• 2* M.2 SSDs for OS installation</li> </ul> (The maximum number of supported hard drives is configuration specific.)
I/O Expansion Slot	<ul style="list-style-type: none"> <li>• Riser module 1: 2* PCIe3.0 ports</li> <li>• Riser module 2: 1* PCIe3.0 port</li> <li>• 1* OCP card</li> <li>• 2* built-in PCIe3.0 controller cards</li> </ul> Support tool-free modular expansion technique and screw fixing is required.
I/O Expansion Slot Outlet Position	Optional. Front or rear.
Ports	<ul style="list-style-type: none"> <li>• 1* 1Gb RJ45 port (BMC port)</li> <li>• 1* standard VGA port, 2* USB3.0 ports</li> <li>• 1* AV port, 1* power button</li> <li>• 1* UID (shared with BMC reset)</li> </ul>
Fan	<ul style="list-style-type: none"> <li>• Compute module: 3+1 redundancy fans, 4056 and hot-swappable</li> <li>• Storage module: 3+1 redundancy fans, 8056 and hot-swappable</li> </ul>
Power Supply	Platinum redundant power supply (1+1 redundancy), hot-swappable
System Management	1* dedicated 1 Gb network port for remote management
Operating System	Support Microsoft Windows Server 2012/2016/SUSE Linux Enterprise Server 12/ Red Hat Enterprise 7/CentOS 7/Kylin 7.4 etc.
Mainframe Size	447mm (W) x 174mm (H) x 800mm (D)
Weight	89kg at full load. Refer to the technical white paper for details.
Operating Temperature	5℃~35℃