Inspur Yingxin NP5540M3

▪ Product Introduction

Inspur Yingxin NP5540M3 is a dual-way department-oriented tower server product with an excellent performance and high reliability. It has better performance in power consumption and noise control with the features of high expandability, high availability, high price performance, etc. The flexible configuration as per the actual demand meets the developing business applications and also reduces the deployment TCO of enterprises as well, achieving overall optimization in performance, management, power consumption, etc.

- **Target User**

Applicable for E-government, Office Automation, small and medium-sized enterprise application server, file and network management server, campus network application server, low-end monitoring server and low-end workstation.



▪ Functional Features

Powerful Performance

It uses Intel® Xeon processors of E5-2400 series designed with QPI architecture, which makes the data transmission rate up to 8.0GT/s and cache up to 20MB and supports Turbo and Hyper-threading technologies.

It adopts Intel C600 server chipset, innovative design of motherboard VR and more energy-saving 2.5″HDD.

It supports Dynamic Power Node Manager technology. Users can flexibly control performance and power consumption according to the application requirement, making it more energy saving and environment friendly.

12 DIMMs support up to memory level DDR3-1600, expanding up to 384GB memory. Support up to 4 pieces of 3.5″SATA HDDs or 16 pieces of 2.5″SAS/SATA HDDs to meet the data storage requirement of different applications and also to provide adequate data storage space for future business development.

Reliability

Key components including HDDs and power supply support hot-swapping and redundancy technology. Replacement and maintenance of components can be completed without system shutdown, improving the system availability.

Integrate SATA RAID0, 1, 10, 5; optional upgrade to support SAS RAID5, providing customers with various data protection solutions.

Intelligence

Support CPU temperature, system voltage and FAN speed control.

Support AC break recovery. Support the independently developed Inspur Ruijie Server Kit V5.0 that contains the following: Ruijie Server Management Package, Ruijie System Intelligent Installation Package and Ruijie System Backup Recovery Package. The kit simplifies the maintenance and management of servers. It provides customers with functions of automatic installation, remote data backup and management, etc.

▪ Technical Specifications

Processor	Intel Sandy Bridge-EN E5-2400 series
Processor number	Up to 2
Chipset	Intel C600
Memory	12 DIMMs, up to 6 DIMMs with single processor, 12 DIMMs with dual processors, up to 6-channel access DDR3 ECC Registered 1066/1333/1600 memory Up to 384GB memory (32GB per DIMM)
I/O interfaces	2 front USB interfaces, 4 rear USB interfaces, 1 built-in Type A USB interface 1 rear serial interface, 1 built-in serial interface 2 RJ45 network interfaces, 1 management dedicated RJ45 network interface 1 rear VGA interface
HDD controller	8 onboard SAS interfaces, all ROM supported, various RAID levels supported Integrated SATA controller, the motherboard has 4 SATAII interfaces and 2 SATAIII interfaces

	When standard optical drive is configured, 1 SATA interface is used to connect SATA optical drive
RAID	Optional high-performance RAID adapter with cache, support RAID 0, 1, 5, 6, 10, 50 and 60
Management card	Integrated Aspeed 2300 chip, IPMI2.0+IKVM supported Use IPMI dedicated management interface, or reuse the first network card
Network controller	Integrated Intel dual Gigabit network interfaces
PCI expansion slots	1 PCI 2 PCI-E 3.0 x16 3 PCI-E 3.0 x8
HDD	3.5″ model: 4 pieces of 3.5″ SATA HDDs 2.5″ model: 8 pieces or up to 16 pieces of hot 2.5 -swap SATA/SAS HDDs The actually purchased configuration shall prevail.
Optical drive	Optional SATA optical drive
Floppy drive	Optional virtual floppy drive of USB interface
Power supply	500W single power supply (standard configuration) or 1+1 redundant power supply, 800W single power supply
OS supported	Windows 2003 Enterprise with SP2 32/64bit Microsoft Windows Server 2008 SP1 32/64bit Red Hat Enterprise Linux 5.5 32/64bit Red Hat Enterprise Linux 5.6 32/64bit Red Hat Enterprise Linux 6.1 32/64bit Red Hat Enterprise Linux 6.2 32/64bit SuSE Linux Enterprise Server 11.2 32/64bit Different configurations support different operating systems. For details, please consult Inspur Group Co., Ltd.
Operating Temperature	10℃-35℃
AC input	180V~264V (single) 50Hz, 90V~264V (redundancy) 50Hz
Chassis	435mm(H) 220mm(W) 610mm(D)