



NF8480M4

Smart and robust versatile 4-socket 4U rack server

Product Highlights:

NF8480M4 is an industry leading 4U 4-socket server based on the Intel® E7-8800/4800 v3/v4 computing platform with unmatched computing capacity and excellent Energy Efficient Ratio. Powered by the latest Intel® Xeon® processor E7-8800/4800 v3/v4 product family, this flagship 4-socket server encompasses outstanding in-system computing capacity, scalability, flexibility and RAS features within a 4U form factor. The system is an ideal platform for large-scale database, ERP, CRM, big data, high performance computing and virtualization integration, and other mainstream applications.

Key Features

- 4xE7-4800v3/v4 & E7-8800 v3/v4
- 96DIMM
- 8x2.5" SAS/SATA/SSD Hot Swap
- 4x1Gb
- 14 PCI-E: CPU1 supports 2x16 (FHFL), CPU3 supports 2 x8 in x16 (FHFL) + 2x8 (FHFL), CPU2 supports 2 x8 in x16 (FHFL) + 2x8 (FHFL), CPU0 supports 1 x8 in x16 (FHFL) + 1x8 low profile. CPU0 supports one dedicated slot for RAID card, CPU1 supports one dedicated slot for PCI-e Switch.

Feature	NF8480M4 Technical Specification
Form Factor	4U
Processors	Intel ® E7-8800/4800 v3/v4
Memory	Up to 96 DIMMs (8 memory boards, each with 12 DIMMs) , expandable to 6TB memory
Hard Disk Controller	PCIe Add-on SAS HBA or SAS Raid card, support SAS 12Gb/s
RAID Support	1/0/10/5/50/6/60, 1GB/2GB/4GB cache
Storage	Up to 8 x 2.5” hot-swap SAS/SATA/SSD, including support for 4 NVMe SSD 2 x mSATA SSD and 1 x SD card slot
I/O Expansion Slot	Basic IO module 2 PCI-E slots Extension IO module: 10 PCI-E slots, including 2 hot-swap slots Storage or control module: 2 x PCI-E slots for HBA/RAID
Network Controller	4 x 1GbE ports – support WOL, network redundancy, load balancing, and other advanced network features; 1 x 1GbE dedicated management port
Power Supply	Up to 4 x 800W PSUs, optional 2+1, 2+2 or 3+1 redundancy
Graphics Card	Integrated display controller with 64MB video memory
Floppy Disk Drive	1 virtual floppy drive via USB port (standard configuration)
System Management	Inspur Server Management Suite Advanced Inspur server management module Remote management and remote diagnosis IPMI2.0, SNMP, SMTP, KVM over IP
Operating Temperature	5°C-35°C/41°F-95°F
Power Voltage	100-240VAC
Dimensions	177mm x 440mm x 780mm or 7” x 17.3” x 30.7” (HxWxD)
Reference Weight	50kg/110.23lb