



NF5280M6

All scenarios adaptable
rack server



Inspur NF5280M6 is a high-end 2U 2-socket rackmount server configured with the 3rd Gen Intel® Xeon® Scalable Processors. For different application scenarios, NF5280M6 maintains the consistent high-quality and reliability of Inspur servers. The product meets the application configuration requirements of various industries with high computing performance, complete ecological compatibility, and flexible configuration, and is suitable for various application scenarios such as data analysis and processing, deep learning, and distributed storage etc.

Features

High Performance

- NF5280M6 configured with 2 latest 3rd generation Intel® Xeon® scalable processors, each CPU has up to 40 cores and 80 threads. The maximum TDP 270W, maximum base frequency 3.6GHz, 1.5MB L3 cache per core and 3 UPIs up to 11.2GT/s.
- NF5280M6 provides extraordinary speed, high availability and a maximum of 4T memory capacity with up to 32 * DDR4-3200MT/s ECC RDIMMs or LRDIMMs.
- NF5280M6 protects data integrity during power failure without degrading memory capacity and bandwidth by support Intel® Optane™ Persistent Memory, It up to 512G capacity and 3200MHz bandwidth.

Flexible Expansion

- Support up to 20 * 3.5-inch or 39 * 2.5-inch drives.
- Support OCP 3.0 (optional) and 10/25/40/100/200G network interface.
- Support up to 11 * PCIe slots for further I/O performance upgrade.
- Support rear 2 * SATA M.2/E1.S (optional) to meet a variety of storage needs.

Intelligent Management

- NF5280M6 adopts easy maintenance design and the entire system supports tool-less maintenance. By optimizing some structural components, it allows convenient assembly and reduces the maintenance time.
- With Inspur's unique intelligent temperature control technology and advanced air-cooling system to keep the server working in the best environment, to ensure the stable operation of the system.
- Relying on the latest BMC technology, technicians can perform monitoring and troubleshooting via the web-based GUI and LEDs (for fault diagnosis and prognosis). The front-panel UID indicator indicates the failure components and identifies the faulty or abnormal components in a timely manner, thus, simplify the maintenance workflow, speed up troubleshooting, and improve system availability. BMC supports to monitor system parameters and triggers alarm notification for potential failures, thus, allow technician to be prepared in case of failure, secure stable machine operation, and reduce the risk of system shutdown.

