

IEIT SYSTEMS Server NP3020G7

Entry-Level Single-Socket
Tower Server



The NP3020G7 is a next-generation entry-level single-socket tower server designed to provide reliable hardware foundations for comprehensive solutions such as remote office environments, email, print services. It offers flexibility for expansion based on customers' actual application environments, catering to the ever-changing application needs of customers and the dynamic operational environments.

Description of Applicable Models

Product Model	Maintenance Method	Cooling Mode
NP3020-M7-A0-R0-00	Rear I/O	Air cooling

Target Customers

Primarily targeted at growing small- and medium-sized businesses and large enterprise branches, the server provides hardware support for comprehensive solutions for small office systems.

Application Cases

Applications include remote office environments, email, print services, with flexible configuration options tailored to different application requirements, providing perfect support.

Product Features

High performance, affordable price

- The server supports 1 Intel® Xeon® E-series Tatlow platform processor or Intel® Pentium® processor, and 4 DDR4 DIMMs with a memory capacity of up to 128GB. It can be expanded to accommodate four 3.5-/2.5-inch drives, providing an ultimate computing and storage experience for customer applications.

Noise reduction for quiet office environments

- Low noise design, with noise levels ≤ 30 dB when idle and ≤ 40 dB at full load, offering perfect user experience

Product Specifications

Model	NP3020G7
Processor	1 Intel® Xeon® Scalable E-series Tatlow platform processor or Intel® Pentium® processor
Core	Up to 8 cores
High-Speed Cache	Up to 16MB L3 cache
TDP	95W
Chipset	Intel® C252 server-specific chipset
Memory	4 DIMM slots, expandable to up to 128GB of memory Capacity per DIMM: 32GB (DDR4, 3,200MT/s)
Drive Controller	Integrated SATA controller
RAID	RAID levels 0/1/1E/10/5/50/6/60, with 2GB/4GB cache supported
Storage	4 × 3.5-inch SAS/SATA HDD, 4 × 2.5-inch SAS/SATA HDD, or 4 × 2.5-inch SATA SSD 1 × SATA/PCIe M.2 SSD
I/O Expansion Slot	2 × PCIe 4.0 expansion slot
Integrated I/O Port	Front: 2 × USB 3.0 port Rear: 4 × USB 3.0 port, 4 × RJ45 gigabit network port, 1 × VGA port, 1 × DP port, 1 × IPMI LAN network port, and 1 × UART serial port
DVD/CD-ROM Drive	1 × DVD
Power Supply	Single PSU with the output power of 300W/500W 1+1 redundant PSUs with the output power of 500W
Management	UEFI, ISBMC
Supported Operating System	Microsoft Windows Server 10 Microsoft Windows Server 2016, 2019, 2022 SLES 15.3, CentOS 8.5 LINUX 6.0.60, 6.0.80, 6.0.100 The operating system support capabilities vary depending on the different configurations. For more details, please contact us.
Operating Temperature	5°C to 45°C
PSU Voltage	180V to 264V AC
Certification	3C/China Environmental Labelling/Energy Conservation Certification
Chassis (W × H × D)	180mm × 416mm × 454.6mm
Reference Weight	14kg