

NXT P4SP^{v1}

Mid-range pedestal server with Intel Xeon Scalable processors



HIGHLIGHTS

PROCESSOR

- Intel Xeon Scalable processors
- Up to 3.6GHz CPU clock speed
- Intel C624 server chipset

MEMORY

- Up to 1TB DDR4 ECC memory
- Six-channel memory architecture

STORAGE

- Up to 8x 3.5" or 16x 2.5" HDDs
- RAID level 0, 1, 10 support with optional HW raid options 0, 1, 5, 6, 10
- Up to 5x USB ports

CONNECTIVITY/EXPANSION

- 2x Intel 10GbE network ports
- 6x PCI-Express slots

CERTIFICATION

- Microsoft Windows server
- Linux (various distributions)
- Virtualisation

EFFICIENCY

- Platinum efficient power supplies
- 750W/1600W redundant power supply options
- Low noise pedestal chassis

SUITED TO

- Medium to large business
- Email, web, file, print server
- Vertical specific business apps
- Embedded applications

Speak with a sales representative today, for specification and pricing details for a solution to suit you

Enterprise-class performance technologies

Designed to deliver true enterprise class performance for customers on any budget, this feature rich yet cost effective server system is packed with innovative new server technologies and is perfect for a wide variety of IT challenges.

Powered by the very latest Intel® Xeon® Scalable processors and the Intel S2600STB motherboard, this mid-range server system is built on 100% enterprise grade architecture and delivers heavily on performance, scalability, features and stability without compromising on quality or price.

The perfect investment

The P4SP^{v1} is engineered from the ground up to deliver rock solid reliability as standard. Packaged in a low noise, innovative pedestal server chassis, this Intel server features eight hot-swap hard disk drive bays, and supports both 2.5" and 3.5" hard disk drives.

Configurable with up to 1TB of ECC registered DDR4-2666MHz memory, two dedicated on-board Intel 10GbE network interface ports (RJ45), and 6x PCI-Express generation 3.0 expansion slots. The Intel server P4SP^{v1} is the perfect server investment for organisations of any size. Anyone looking at future expansion, system scalability, improved network I/O and system performance will not be disappointed.

Supporting up to 96TB of available hard disk storage, using 12TB hard disk drives, the Intel P4SP^{v1} server is very versatile with support for 7,200 SATA 6Gb/s drives, 10K/15K, 12GB SAS and SSD.

Scalable systems, maximum ROI

Intel NXT To Go server systems are designed to be very scalable, allowing maximum return on investment (ROI). Thanks to the P4SP^{v1}'s low acoustics, resourceful CPU architecture and 80PLUS Silver efficient power supply, it also returns an exceptionally low total cost of ownership (TCO).

Featuring Intel Virtualisation Technology for Directed I/O (VT-d), Advanced Encryption Security Instruction Sets (AESNI), Intel Remote Management Module (RMM) Support, Integrated BMC with IPMI 2.0, Trusted Platform Module 1.2, Intel Matrix Storage and Advanced Management, Intel On-Demand Redundant Power, Intel Node Manager Support, Intel Build Assurance, Efficient Power and Quiet Thermal technologies.

Available pre-configured to a wide variety of common and market specific configurations, the Intel server P4SP^{v1} is available from stock NXT To Go with super-fast delivery.

All systems ship with a comprehensive 36 month (3 years) warranty (upgradeable to 5 years), featuring next business day (NBD) engineer on-site support*.

Technical specification

Processor	Intel Xeon Scalable processors Dual Socket P (LGA 3647)
Memory	16x 240-pin DDR3 DIMM sockets Supports up to 1TB DDR4 ECC registered memory 2666MHz ECC DDR4 SDRAM 64GB, 32GB, 16GB, 8GB, 4GB DIMMs available
Graphics/GPU	Integrated 2D Video Controller 15pin D-sub connector
On-board Devices	Intel C624 express server chipset SATA3 via PCH w/ RAID 0, 1, 10 2x Intel 10GbE controllers
Input/output Options	10x SATA3 (6Gb/s) ports 2x RJ45 Gigabit Ethernet LAN ports 7x USB ports (4 rear, 3 front) 1x COM ports (headers)
Expansion Slots	3x PCI-E 3.0 x16 slot 3x PCI-E 3.0 x8 slot
Optional Add-in Devices	Intel RAID controller cards/modules Intel remote management modules (RMM) Intel solid state hard disk drives Intel 1GbE network interface cards Intel 10GbE network interface cards Intel TPM module
Chassis/Dimensions	Form Factor: Tower Height: 17.24" (438mm) Width: 6.81" (173mm) Depth: 24.9" (632mm) PSU: 750W/1100W Redundant Optional – 80PLUS Platinum Efficient
Drive Bays	Hot-swap: 8x 3.5" or 16x 2.5" SAS/SATA HDD Bays Enterprise HDD/SSD only recommended

* Terms and conditions apply. Restrictions apply and available warranty services may vary from country/region to country/region. Please speak with a sales representative for full terms and conditions.



25 and going strong

For more than 25 years, Exertis Hammer has been synonymous with value-add. Originally founded in 1991, Hammer became a subsidiary of Exertis in 2016, subsequently changing its name to Exertis Hammer in 2018. Our approach to storage, servers and end-to-end IT solutions sets us apart, and every element of our business is built upon this ethos.

We thrive on not just meeting, but exceeding the expectations of:

- Our vendors, in how we collaborate with them and develop new opportunities for them.
- Our partners, in the relationships we build, the expertise and diligence we present, and the business advantage we afford them.
- End-users, in the advice and business-enhancing systems our partners' provide, whether fully-bespoke, brand-led, cost-led or anywhere in between.

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