

NXT P4E3^{v6}

Entry-level server with Intel Xeon E3-1200 v6 processors



HIGHLIGHTS

PROCESSOR

- Intel Xeon E3-12xx v6 CPUs
- Up to 4GHz CPU clock speed
- Latest Kaby Lane CPU architecture
- Intel C236 server chipset

MEMORY

- Up to 64GB DDR4 ECC memory
- Dual-channel memory architecture
- 68.256Gb/s bandwidth

STORAGE

- 4x hot-swap drive bays
- Up to 4x 3.5" or 2.5" HDDs
- RAID level 0, 1, 10 & 5 support
- Up to 6x USB ports

CONNECTIVITY/EXPANSION

- 2x Intel 1GbE network ports
- 3x PCI-Express slots

CERTIFICATION

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

EFFICIENCY

- 80PLUS efficient system
- 365W power supply unit
- Low noise pedestal chassis

SUITED TO

- Small to medium businesses
- Email, web, file, print server
- Vertical specific business apps
- Embedded applications
- First office server

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® E3 12xx v6 Kaby Lake processors and the Intel S1200SPLR motherboard, this entry-level server system is built on 100% enterprise-grade architecture and delivers heavily on performance, features and stability without compromising on quality or price.

Innovative, configurable and versatile

The P4E3^{v6} is engineered from the ground up to deliver rock solid reliability as standard. Packaged in a compact, low noise, yet innovative pedestal server chassis, this Intel server features four independent hot-swap drive bays, and supports both 2.5" and 3.5" hard disk drives.

Configurable with up to 64GB of ECC DDR4-2400MHz memory, two on-board Intel 1GbE network interface ports (RJ45), a total of 4x PCI-Express expansion slots (utilising both PCI-E generation 2.0 and 3.0 technologies), a selection of optional data storage, I/O, RAID and management options; the Intel P4E3^{v6} server is the perfect starter server for organisations of any size.

Supporting up to 48TB of available hard disk storage, using 12TB hard disk drives, the Intel P4E3^{v6} 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 P4E3^{v6}'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's Virtualisation Technology for directed I/O (VT-d), Advanced Encryption Security Instruction Sets (AESNI), Remote Management Module (RMM) support, Trusted Platform Module 1.2, Matrix Storage and Advanced Management Technologies as well as the latest server Customisation suite.

Available pre-configured to a wide variety of common and market specific configurations, the Intel P4E3^{v6} server 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 processor E3-1200 v6 Single Socket H4 (LGA 1151)
Memory	4x 240-pin DDR3 DIMM sockets Supports up to 64GB DDR4 ECC Un-Buffered memory (UDIMM) 2400MHz ECC DDR4 SDRAM 72-bit, 240-pin gold-plated DIMMs 16GB, 8GB, 4GB DIMMs available
Graphics/GPU	Integrated VGA graphics 15pin D-sub connector
On-board Devices	Intel C236 express server chipset SATA3 via PCH w/ RAID 0, 1, 5, 10 Intel i210AT controllers Supports 10BASE-T, 100BASE-TX and 1000BASE-T, RJ45 output
Input/output Options	8x SATA3 (6Gb/s) ports via Intel RST 2x RJ45 Gigabit Ethernet LAN ports 6x USB ports (4 rear, 2 front) 1x COM ports (headers)
Expansion Slots	1x PCI-E 3.0 x8 slot 1x PCI-E 3.0 x4 slot 1x 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: Mid Tower Height: 17.24" (438mm) Width: 6.81" (173mm) Depth: 21.5" (546mm) PSU: 365W Fixed – 80PLUS Silver Efficient
Drive Bays	Internal/Fixed: 4x 3.5" SAS/SATA HDD Bays Enterprise SATA HDD 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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