

NXT R1E3^{v6}

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



HIGHLIGHTS

PROCESSOR

- Intel Xeon E3-12xx v6 CPUs
- Up to 4.2GHz CPU clock speed
- Latest Kaby Lake CPU architecture
- Intel C236 server chipset

MEMORY

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

STORAGE

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

CONNECTIVITY/EXPANSION

- 2x Intel 1GbE network ports
- 1x PCI-Express Gen3.0

CERTIFICATION

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

EFFICIENCY

- 80PLUS efficient system
- 365W power supply unit
- Compact rackmount chassis

SUITED TO

- Small to medium business
- Email, web, file, print server
- Vertical specific business apps
- Embedded applications
- First rack 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 1U 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 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.

The perfect starter server

The R1E3^{v6} is engineered from the ground up to deliver rock solid reliability as standard. Packaged in a compact, rack dense 1U server chassis, this Intel server features four independent hot-swap hard disk drive bays, and supports both 2.5" and 3.5" disk drives.

Configurable with up to 64GB of ECC DDR4-2400MHz memory, two integrated Intel 1GbE network interface ports (RJ45), PCI-Express generation 3.0, and a selection of optional data storage, I/O, RAID and management options; the Intel R1E3^{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 R1E3^{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 scalable, allowing maximum return on investment (ROI). Thanks to the R1E3^{v6}'s rackmount design, 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 and Intel's latest server Customisation suite.

Available pre-configured to a wide variety of common and market specific configurations, the Intel R1E3^{v6} server is available from stock NXT To Go with super-fast delivery.

All systems ship with a comprehensive 36 months (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 DDR4 DIMM sockets Supports up to 64GB DDR3 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
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: Rackmount – 1U Height: 1.75" (45mm) Width: 17.24" (438mm) Depth: 21.8" (554mm) PSU: 365W Fixed – 80PLUS Silver Efficient
Drive Bays	Hot-swap: 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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