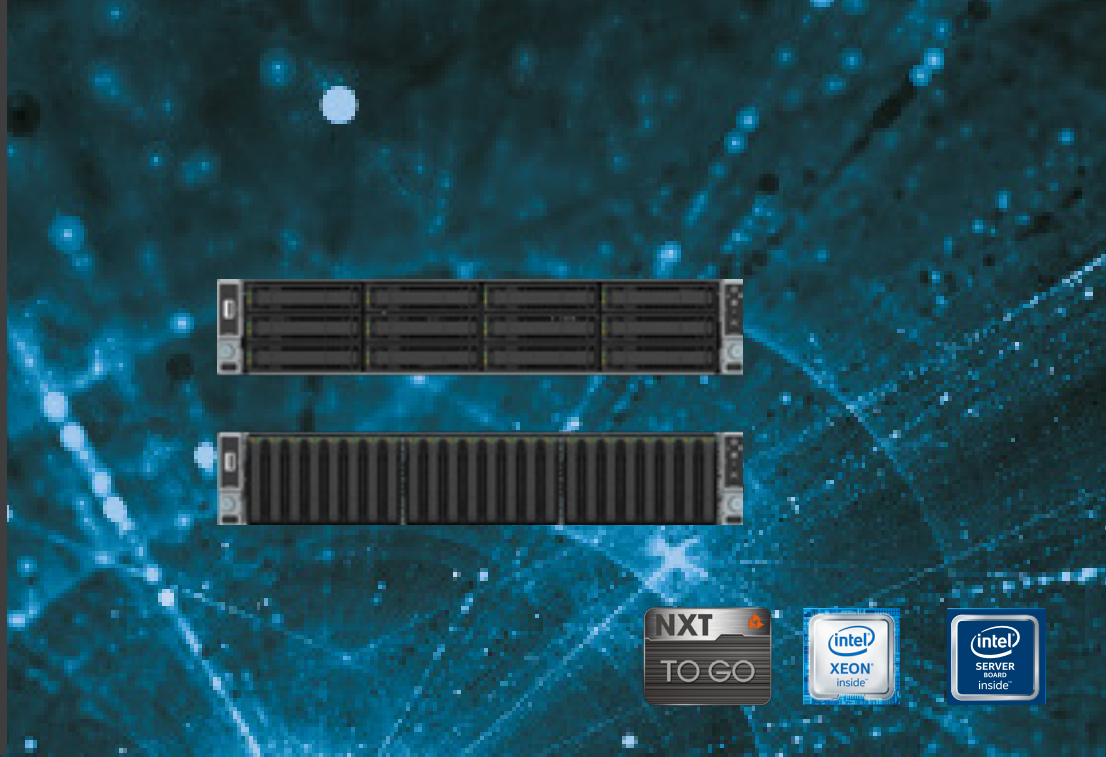


# NXT R2SP<sup>v1</sup>

## Mid/high-end 2U 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 1.5TB DDR4 ECC memory
- Six-channel memory architecture

#### STORAGE

- Hot-swap hard drive bays
- Up to 8x 3.5" or 12x 3.5" or up to 24x 2.5" HDDs
- RAID level 0, 1, 10 support, with optional HW raid options 0, 1, 5, 6, 10
- Up to 5x USB ports
- NVMe support up to 24x 2.5" U.2 SSD

#### CONNECTIVITY/EXPANSION

- 2x Intel 10GbE network ports
- 8x PCI-Express Gen3.0

#### CERTIFICATION

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

#### EFFICIENCY

- 80PLUS platinum efficient system
- 1300W redundant power supply unit
- Compact rackmount chassis

#### SUITED TO

- Medium to large business
- Cloud/datacentre
- Data processing 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 and specification rich 2U server system is packed with innovative new server technologies and is perfect for a wide variety of IT challenges.

Powered by Intel® Xeon® Scalable processors and the Intel S2600WF motherboard, this mid-range through to high-end server system is built on 100% enterprise grade architecture and delivers heavily on performance, storage capacity, features and stability without compromising on quality or price.

### Perfectly suited to storage, memory and network intensive environments

The R2SP<sup>v1</sup> is engineered from the ground up to deliver rock solid reliability as standard. Packaged in a compact, rack dense 2U server chassis, this Intel server features eight independent hot-swap hard disk drive bays, and supports both 2.5" and 3.5" disk drives.

Configurable with up to 1.5TB of ECC registered DDR4 memory using 24x DIMM slots, and dual Intel 10GbE ports (RJ45) the Intel server R2SP<sup>v1</sup> is perfectly suited to storage, memory and network intensive environments. Supporting up to six PCI-Express generation 3.0 expansion slots, a selection of optional data storage, I/O, RAID and management options to suit organisations of any size.

Available with up to 96TB of available hard disk storage, using 12TB hard disk drives, the Intel server R2SP<sup>v1</sup> is very versatile with support for both 7,200 and 10,000rpm SATA 6Gb/s drives (optional SAS hard disk support available with 7,200/10,000/15,000rpm platter rotation speeds) plus RAID 0, 1, 10 and 5.

### Scalable systems, maximum ROI

Intel NXT To Go server solutions are designed to be very scalable, allowing maximum return on investment (ROI). With the Intel server R2SP<sup>v1</sup>'s rackmount design, resourceful CPU architecture and platinum 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, Trusted Platform Module 1.2, Intel 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 server R2SP<sup>v1</sup> 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 Scalable processors Dual socket P (LGA 3647)
Memory	24x 240-pin DDR4 DIMM sockets Supports up to 1.5TB DDR4 ECC registered memory 2666MHz ECC DDR4 RAM 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 Ethernet controllers
Input/output Options	Up to 10x SATA3 (6Gbp/s) ports 2x 10 GbE RJ45 Gigabit Ethernet LAN ports 6x USB ports (3 rear, 5 Internal) 2x COM ports (headers)
Expansion Slots	6x PCI-E 3.0 x8 slots 2x PCI-E 3.0 x4 slots Connector for Intel I/O Expansion Module Connector for Intel Integrated RAID Module
Optional Add-in Devices	Slim-line optical drive Intel RAID controller cards/modules Intel remote management modules (RMM) Intel solid state drives Intel 1GbE network interface cards Intel 10GbE network interface cards Intel TPM module
Chassis/Dimensions	Form Factor: Rackmount – 2U PSU: 1100W Redundant – 80Plus Platinum Efficient
Drive Bays	Hot-swap: 8x 3.5" or 12x 3.5" or up to 24x 2.5" SAS/SATA HDD Bays Supports up to 24x U.2 NVMe SSDs

\* 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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