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FIVE9NS R2215 Server



The Five9NS R2215 is a dual socket, twenty four-core, 2RU. Powered by two Intel E5-2680 v3 series processors and loaded with drive bays, this high density system is ideal for next generation data centers requiring high IOPS, energy efficiency, virtualization and ease of management.

HIGHLIGHTS:

- 2 Intel Xeon E5-2680 v3 series processors
- Up to 3072GB memory
- 8 hot swap HDD/SSD bays
- 6 PCIe Gen 3 expansion slots
- 2RU form factor
- 2 10Gbe ports + Management port
- Redundant power supply
- Remote system management capabilities ideal for central office and other demanding environments
- Easy to scale out as business needs grow



Flexible 2U-2S Server

The Five9NS R2215 is a powerful server providing impressive flexibility in configuration options for storage and network connectivity. The R2215 is an ideal solution for a variety of applications including web serving, database deployments and virtualization.

Specialty Services

Choose from a host of services for the Five9NS R2215 server – including OEM Services -- aimed at helping to architect and integrate a solution quickly and affordably.

The Five9NS PLM service aims to help you proactively manage your product lifecycle. The product lifecycle is matched to your needs, with up to a 5-year product life from the date of contract which can be extended upon request.

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FEATURES	PRODUCT
Form Factor	2U Rack, 28" deep
Processors	Two LGA2011-3 (Socket R3) processor sockets Support for one or two Intel® Xeon® processors E5-2600 v3 product family Maximum supported Thermal Design Power (TDP) of up to 145 W
Processor Sockets	2 (FC-LGA 2011)
Chipset	Intel® C612 chipset
Memory	24 DIMM slots – 3 DIMMs/Channel – 4 memory channels per processor Registered DDR4 (RDIMM), Load Reduced DDR4 (LRDIMM) Memory data transfer rates: DDR4 RDIMM: 1600 MT/s (3DPC), 1866 MT/s (2DPC) and 2133 MT/s (1DPC) DDR4 LRDIMM: 1600 MT/s (3DPC), 2133 MT/s (2DPC & 1DPC) DDR4 standard I/O voltage of 1.2V
I/O Slots	One Type-A USB 2.0 connector One 2x5 pin connector providing front panel support for two USB 2.0 ports One 2x10 pin connector providing front panel support for two USB 2.0 / 3.0 ports One 2x15 pin SSI-EEB compliant Standard Front Panel header One 2x15 high density Storage Front Panel connector One 2x7pin Front Panel Video connector One 1x7pin header for optional Intel® Local Control Panel support One DH-10 Serial Port B connector PCIe* 3.0 (2.5, 5, 8 GT/s) – backwards compatible with PCIe* Gen 1 and Gen 2 devices
RAID Support	SW RAID 0, 1, 10, optional 8 x 2.5" SATA/SAS 8 x 2.5" Combo Backplane SATA/SAS + up to 4 x PCIe NVM Express* 8 x 2.5" Dual Port SATA/SAS 8 x 3.5" SATA/SAS 12 x 3.5" SATA/SAS15
Drive Bays	(8) Hot-swap 2.5" or 3.5" SAS/SATA
Hard Drives	8 x 3.5" SATA/SAS Hot Swap Drive Bays + Optical Drive support + front panel I/O 12 x 3.5" SATA/SAS Hot Swap Drive Bays (Storage model) 8 x 2.5" SATA/SAS Hot Swap Drive Bays + Optical Drive support + front panel I/O 16 x 2.5" SATA/SAS Hot Swap Drive Bays + Optical Drive support + front panel I/O 24 x 2.5" SATA/SAS Hot Swap Drive Bays (Storage model) 2 x 2.5" SATA SSD Back of Chassis Hot Swap Drive Bays 2 x internal fixed mount 2.5" SSDs (All SKUs)
Solid State Drives	2.5 inch SATA (MLC): 60GB, 120GB, 180GB, 240GB, 480GB
Optical Drive	DVD-Multiwriter
System Cooling	Six system fans supported in two different connector formats: hot swap (2U) and cabled (1U) Six 10-pin managed system fan headers (Sys_Fan 1-6) – Used for 1U system configuration Six 6-pin hot swap capable managed system fan connectors (Sys_Fan 1-6) – Used for 2U system configuration
Network Interface	2 10-Gbe ports + 2 40-Gbe ports + dedicated GbE management port
USB Ports	5 ports (2 3.0 front, 2 3.0 front, 2 2.0 rear, 1 internal Type A)
Power Supply	(2) 1100W redundant

CUSTOMIZE YOUR SERVER – CONTACT US AT www.five9network.com

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Video	Integrated 2D Video Controller 16 MB DDR3 Memory
Management Hardware	Integrated Baseboard Management Controller, IPMI 2.0 compliant Support for Intel® Server Management Software On-board RJ45 management interface Intel® Remote Management Module 4 Lite support (Accessory Option)
Operating Systems	Solaris 10, Linux, Windows