



Lenovo ThinkSystem SR590 Server (Xeon SP Gen 1) Product Guide (withdrawn product)

Content has moved

This SR590 continues to be available with selected 1st Gen Intel Xeon SP ("Skylake") processors in addition to 2nd Gen ("Cascade Lake") processors. For details see the Processor section of the following product guide:

Lenovo ThinkSystem SR590 Server (Intel Xeon SP Gen 1 / Gen 2)
<https://lenovopress.com/lp1048-thinksystem-sr590-server>

The section below lists the pre-configured models with 1st Gen Intel Xeon SP processors that are now withdrawn. For technical information about the server, see the Gen 2 product guide in the above link.

Withdrawn models

The following tables list the models of the SR590 server with 1st Gen processors that are now withdrawn from marketing:

- [North America](#)
- [Latin America](#)
- [Europe, Middle East, and Africa \(EMEA\)](#)
- [India](#)
- [Hong Kong, Taiwan, Korea](#)
- [Japan](#)
- [Association of Southeast Asian Nations \(ASEAN\)](#)
- [Australia and New Zealand](#)

Table 1. SR590 server models (3-year warranty): North America

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models - North America													
7X99A00HNA	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A00GNA	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A028NA	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x SATA RAID	8 / 8 SS LFF	Open bay	Open slot	1x PCIe x8	1x 550W	E	N	S	N	R2
7X99A00TNA	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A003NA	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A020NA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A01SNA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A009NA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A00JNA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A01VNA	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A01RNA	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A023NA	2x 4114 10C 85W 2.2GHz	2x 32GB (2Rx4)	1x 430-16i HBA	12+4 / 16 HS SFF	Open bay	Open slot	5x PCIe x8 1x PCIe x16	2x 750W Platinum	E	Y	S	N	R2
7X99A006NA	1x 4116 12C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A02CNA	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A02HNA	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A030NA	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A02JNA	2x 5118 12C 105W 2.3GHz	2x 32GB (2Rx4)	1x 430-16i HBA	12+4 / 16 HS SFF	Open bay	Open slot	5x PCIe x8 1x PCIe x16	2x 750W Platinum	E	Y	S	N	R2

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
7X99A01MNA	1x 5120 14C 105W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A02ZNA	1x 6130 16C 125W 2.1GHz	1x 32GB (2Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A02KNA	1x 6142 16C 150W 2.6GHz	1x 32GB (2Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	E	N	S	N	R2
TopSeller models - North America													
7X99A03ANA	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A03DNA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A038NA	1x 4116 12C 85W 2.1GHz	1x 32GB (2Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Table 2. SR590 server models (3-year warranty): Latin America

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models (NAS workload-optimized with Windows Storage Server 2016 Standard preinstalled) - Latin America													
7X99A048LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x M.2 RAID 1x RAID 930-16i 4GB	12 / 14 HS LFF	2x 128GB M.2 SSD 6x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X99A04HLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x M.2 RAID 1x RAID 930-16i 4GB	12 / 14 HS LFF	2x 128GB M.2 SSD 8x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X99A04JLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x M.2 RAID 1x RAID 930-16i 4GB	12 / 14 HS LFF	2x 128GB M.2 SSD 12x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X99A04DLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x M.2 RAID 1x RAID 930-16i 4GB	12 / 14 HS LFF	2x 128GB M.2 SSD 12x 6TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X99A04CLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x M.2 RAID 1x RAID 930-16i 4GB	12 / 14 HS LFF	2x 128GB M.2 SSD 12x 8TB SATA HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X99A049LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x M.2 RAID 1x RAID 930-16i 4GB	12 / 14 HS LFF	2x 128GB M.2 SSD 2x 480GB S4500	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
Relationship models (NAS workload-optimized with Windows Storage Server 2016 Standard not preinstalled) - Latin America													

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
7X991001LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	6x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R1
7X99A04GLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	6x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X991002LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	8x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R1
7X99A04BLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	8x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X991003LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	12x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R1
7X99A04ALA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	12x 4TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X991004LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	12x 6TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R1
7X99A04FLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	12x 6TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X991005LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	12x 8TB SAS HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R1
7X99A04ELA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	12x 8TB SATA HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
7X991006LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 8 HS LFF	2x 480GB S4600	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R1
7X99A04KLA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	2x 480GB S4500	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	E	Y	S	N	R2
Relationship models - Latin America													
7X99A017LA	1x 4108 8C 85W 1.8GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99A02ALA	1x 4108 8C 85W 1.8GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99A02ELA	1x 4114 10C 85W 2.2GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99A027LA	1x 4114 10C 85W 2.2GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99A02XLA	1x 5120 14C 105W 2.2GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99A00VLA	1x 5120 14C 105W 2.2GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99A02QLA	1x 6140 18C 140W 2.3GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99A029LA	1x 6140 18C 140W 2.3GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
Relationship models - Latin America (Argentina only)													
7X991000LA	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	12 / 14 HS LFF	6x 4TB HDD	2x 1Gb RJ-45	4x PCIe x8	2x 750W Platinum	S	Y	S	N	R1
TopSeller models - Latin America (Colombia only)													
7X99100ELA	1x 4116 12C 85W 2.1GHz	1x 16GB (1Rx4)	1x RAID 930-16i 4GB	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
TopSeller models - Latin America													
7X99A04MLA	1x 4110 8C 85W 2.1GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	2x PCIe x8 1x PCIe x16	1x 750W Platinum	S	Y	F	N	N

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
7X99100DLA	1x 4116 12C 85W 2.1GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	Y	S	N	R2
7X99100FLA	2x 6130 16C 125W 2.1GHz	2x 16GB (1Rx4)	1x RAID 930-16i 4GB	16 / 16 HS SFF	Open bay	2x 10Gb RJ-45	4x PCIe x8	2x 750W Platinum	S	Y	S	N	R2

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Table 3. SR590 server models (3-year warranty): EMEA

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models - EMEA													
7X99A014EA	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A00GEA	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A00DEA	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x SATA RAID	8 / 8 SS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A00TEA	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A003EA	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A033EA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01SEA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A009EA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A016EA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01VEA	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01REA	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01NEA	2x 4114 10C 85W 2.2GHz	2x 32GB (2Rx4)	1x 430-16i HBA	12+4 / 16 HS SFF	Open bay	Open slot	5x PCIe x8 1x PCIe x16	2x 750W Platinum	E	Y	S	N	R2
7X99A00SEA	1x 4116 12C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01JEA	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A02HEA	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A011EA	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
7X99A022EA	2x 5118 12C 105W 2.3GHz	2x 32GB (2Rx4)	1x 430-16i HBA	12+4 / 16 HS SFF	Open bay	Open slot	5x PCIe x8 1x PCIe x16	2x 750W Platinum	E	Y	S	N	R2
7X99A01KEA	1x 5120 14C 105W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01FEA	1x 6130 16C 125W 2.1GHz	1x 32GB (2Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01BEA	1x 6142 16C 150W 2.6GHz	1x 32GB (2Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
TopSeller models - EMEA													
7X99A03CEA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	A	N	S	N	R2
7X99A03PEA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	3x 600GB 10K HDD	Open slot	4x PCIe x8	2x 750W Platinum	A	N	S	N	R2
7X99A039EA	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	A	N	S	N	R2
7X99A03BEA	1x 4114 10C 85W 2.2GHz	1x 32GB (2Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	2x 750W Platinum	A	N	S	N	R2

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Table 4. SR590 server models (3-year warranty): India

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models - India													
7X99A024SG	1x 4108 8C 85W 1.8GHz	1x 8GB (1Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	1x PCIe x8	1x 750W Platinum	S	N	F	N	R2
7X99A02BSG	1x 4110 8C 85W 2.1GHz	1x 8GB (1Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	1x PCIe x8	1x 750W Platinum	S	N	F	N	R2
7X99A00NSG	1x 4110 8C 85W 2.1GHz	1x 8GB (1Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	1x PCIe x8	1x 750W Platinum	S	N	F	N	R2
7X99A00LSG	1x 4110 8C 85W 2.1GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	1x PCIe x8	1x 750W Platinum	S	N	F	N	R2
7X99A00WSG	1x 5115 10C 85W 2.4GHz	1x 8GB (1Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	1x PCIe x8	1x 750W Platinum	S	N	F	N	R2
7X99A002SG	1x 5115 10C 85W 2.4GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	1x PCIe x8	1x 750W Platinum	S	N	F	N	R2
7X99A00CSG	1x 5118 12C 105W 2.3GHz	1x 16GB (1Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	1x PCIe x8	1x 750W Platinum	S	N	F	N	R2

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Table 5. SR590 server models (3-year warranty): Hong Kong, Taiwan, Korea

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models - Hong Kong, Taiwan, Korea													
7X99A00RCN	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A00FCN	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A02YCN	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A00KCN	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A034CN	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01TCN	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A010CN	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01ZCN	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A00ACN	1x 4112 4C 85W 2.6GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01UCN	1x 4112 4C 85W 2.6GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01DCN	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A026CN	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01QCN	1x 4116 12C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A018CN	1x 4116 12C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A032CN	1x 5115 10C 85W 2.4GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01ACN	1x 5115 10C 85W 2.4GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01PCN	1x 5115 10C 85W 2.4GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A02GCN	1x 5117 14C 105W 2.0GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01CCN	1x 5117 14C 105W 2.0GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A02PCN	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A01HCN	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A02FCN	1x 5120 14C 105W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A004CN	1x 5120 14C 105W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
7X99A02NCN	1x 5120T 14C 105W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A00BCN	1x 5120T 14C 105W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A02MCN	1x 5122 4C 105W 3.6GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N
7X99A008CN	1x 5122 4C 105W 3.6GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	2x 1Gb RJ-45	4x PCIe x8	1x 750W Platinum	S	N	S	N	N

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Table 6. SR590 server models (3-year warranty): Japan

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models - Japan													
7X99A037JP	1x 6130 16C 125W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12+4 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	A	N	S	N	N
7X99A02DJP	1x 6134 8C 130W 3.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	A	N	S	N	N
7X99A00YJP	1x 6136 12C 150W 3.0GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	A	N	S	N	N
7X99A02RJP	1x 8164 26C 150W 2.0GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	A	N	S	N	N

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Table 7. SR590 server models (3-year warranty): ASEAN

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models - ASEAN													
7X99A02TSG	1x 3104 6C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A031SG	1x 3106 8C 85W 1.7GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
7X99A02WSG	1x 4108 8C 85W 1.8GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A007SG	1x 4110 8C 85W 2.1GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A00MSG	1x 4112 4C 85W 2.6GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A00USG	1x 4114 10C 85W 2.2GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A02LSG	1x 4116 12C 85W 2.1GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A00PSG	1x 5115 10C 85W 2.4GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A01XSG	1x 5117 14C 105W 2.0GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A01LSG	1x 5118 12C 105W 2.3GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A02VSG	1x 5120 14C 105W 2.2GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A015SG	1x 5122 4C 105W 3.6GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A00ZSG	1x 6126 12C 125W 2.6GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A01YSG	1x 6128 6C 115W 3.4GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A036SG	1x 6130 16C 125W 2.1GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A012SG	1x 6132 14C 140W 2.6GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A005SG	1x 6134 8C 130W 3.2GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A013SG	1x 6138 20C 125W 2.0GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A025SG	1x 6140 18C 140W 2.3GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A01WSG	1x 6142 16C 150W 2.6GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2
7X99A00QSG	1x 6148 20C 150W 2.4GHz	1x 16GB (1Rx4)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	N	R2

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Table 8. SR590 server models (3-year warranty): Australia and New Zealand

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
Relationship models - Australia and New Zealand													
7X99A00HAU	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A03EAU	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A035AU	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A03JAU	1x 3104 6C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A00DAU	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x SATA RAID	8 / 8 SS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A03LAU	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A03KAU	1x 3106 8C 85W 1.7GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A019AU	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A00EAU	1x 4108 8C 85W 1.8GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A020AU	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A00XAU	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A021AU	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A03GAU	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	16 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A00JAU	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A03FAU	1x 4110 8C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A02SAU	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A02UAU	1x 4114 10C 85W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A023AU	2x 4114 10C 85W 2.2GHz	2x 32GB (2Rx4)	1x 430-16i HBA	12+4 / 16 HS SFF	Open bay	Open slot	5x PCIe x8 1x PCIe x16	2x 750W Platinum	E	Y	S	N	R2
7X99A006AU	1x 4116 12C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A03MAU	1x 4116 12C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	16 / 16 HS SFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A03HAU	1x 4116 12C 85W 2.1GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	1x PCIe x8	1x 750W Platinum	E	N	S	Y	R2
7X99A02CAU	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 530-8i	8 / 8 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A01EAU	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2

Model number	Intel Xeon processor* (2 max)	Memory RDIMM (16 max)	Storage controller	Drive bays (std / max)	Drives	Eth. LOM	I/O slots (6 max)^	Power supply (2 max)	XClarity Controller	Front VGA port	Tool-less Rail Kit	CMA	Power cord
7X99A030AU	1x 5118 12C 105W 2.3GHz	1x 16GB (2Rx8)	1x RAID 930-16i 4GB	12 / 14 HS LFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A02JAU	2x 5118 12C 105W 2.3GHz	2x 32GB (2Rx4)	1x 430-16i HBA	12+4 / 16 HS SFF	Open bay	Open slot	5x PCIe x8 1x PCIe x16	2x 750W Platinum	E	Y	S	N	R2
7X99A01MAU	1x 5120 14C 105W 2.2GHz	1x 16GB (2Rx8)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A02ZAU	1x 6130 16C 125W 2.1GHz	1x 32GB (2Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2
7X99A02KAU	1x 6142 16C 150W 2.6GHz	1x 32GB (2Rx4)	1x RAID 930-8i	8 / 16 HS SFF	Open bay	Open slot	4x PCIe x8	1x 750W Platinum	S	N	S	N	R2

* Processor details: Processor quantity and model, cores, thermal design power (TDP), and core speed.

^ The server supports one onboard PCIe slot 4 and up to five I/O slots on the riser cards. An internal storage controller occupies the PCIe slot 4. The onboard SATA RAID controller does not consume a PCIe slot.

Related product families

Product families related to this document are the following:

- [2-Socket Rack Servers](#)
- [ThinkSystem SR590 Server](#)

Notices

Lenovo may not offer the products, services, or features discussed in this document in all countries. Consult your local Lenovo representative for information on the products and services currently available in your area. Any reference to a Lenovo product, program, or service is not intended to state or imply that only that Lenovo product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any Lenovo intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any other product, program, or service. Lenovo may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

Lenovo (United States), Inc.
8001 Development Drive
Morrisville, NC 27560
U.S.A.
Attention: Lenovo Director of Licensing

LENOVO PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. Lenovo may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

The products described in this document are not intended for use in implantation or other life support applications where malfunction may result in injury or death to persons. The information contained in this document does not affect or change Lenovo product specifications or warranties. Nothing in this document shall operate as an express or implied license or indemnity under the intellectual property rights of Lenovo or third parties. All information contained in this document was obtained in specific environments and is presented as an illustration. The result obtained in other operating environments may vary. Lenovo may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Any references in this publication to non-Lenovo Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this Lenovo product, and use of those Web sites is at your own risk. Any performance data contained herein was determined in a controlled environment. Therefore, the result obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

© Copyright Lenovo 2024. All rights reserved.

This document, LP0642, was created or updated on July 25, 2021.

Send us your comments in one of the following ways:

- Use the online Contact us review form found at:
<https://lenovopress.lenovo.com/LP0642>
- Send your comments in an e-mail to:
comments@lenovopress.com

This document is available online at <https://lenovopress.lenovo.com/LP0642>.

Trademarks

Lenovo and the Lenovo logo are trademarks or registered trademarks of Lenovo in the United States, other countries, or both. A current list of Lenovo trademarks is available on the Web at <https://www.lenovo.com/us/en/legal/copytrade/>.

The following terms are trademarks of Lenovo in the United States, other countries, or both:

Lenovo®

ThinkSystem®

TopSeller

XClarity®

The following terms are trademarks of other companies:

Intel® and Xeon® are trademarks of Intel Corporation or its subsidiaries.

Windows® is a trademark of Microsoft Corporation in the United States, other countries, or both.

Other company, product, or service names may be trademarks or service marks of others.