ThinkSystem SR570 7Y03A01AEA

Region EET,MEA,RUCIS,WE

Machine Type 7Y03

TopSeller No

Processor 1x Xeon Silver 4108 8C/1.8GHz/11MB/85W/DDR4-2400

Memory 1x 16GB RDIMM DDR4-2666

Storage Controller 1x 530-8i

Disk Bays 8x 2.5" SATA/SAS HS

Disks Open

M.2 Drives None

Networking (LOM/ML2/PCIe) None

Available PCIe Slots 1x PCIex8, 1x PCIex16

FrontVGAport None

System Management XClarity Standard

Power Supply 1x 750W Platinum

Warranty 3-year

Ann Date (mm/yy) 11/17

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX -Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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PSREF

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ThinkSystem SR570 Platform Specifications

Product Specifications Reference (PSREF)

Lenovo

| Components | Specification | | | Components | Specification | |
|---------------------|--|--|--------------------------------|--|--|--|
| Form factor | 1U rack | | Booo worronty | MT 7Y02: 1-year limited onsite service with 9x5/NBD | | |
| Dimensions | Height: 43 mm (1.7 in). Width: 482 mm (19.0 in) with rack latches. Depth: 778.3 mm | | | Base warranty | MT 7Y03: 3-year limited onsite service with 9x5/NBD | |
| Dimensions | (30.64 in) | | | | Up to two redundant hot-swap 550W and 750W 80 PLUS Platinum qualified AC | |
| Weight | Maximum configuration: 35.27 lb (16 kg) | | | Power supply | power supplies. Or up to two redundant hot-swap 750W Titanium qualified AC | |
| Wolght | Up to two 150W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or | | | | power supplies. 750W Titanium is 200V - 240V, others are 100V - 240V | |
| Processor | Platinum. Up to 26 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are | | | Video | Integrated Matrox G200 in XClarity Controller | |
| | connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s each | | Video | 4x 3.5" or 8x 2.5" models: four fans for single processor model, | | |
| Chincot | Intel C622 Platform Controller Hub | | - | six fans for dual processor model, all fans are 4028 | | |
| | | | | Cooling | 10x 2.5" models: six fans for both single and dual processor models, | |
| | Up to 16 DIMM sockets. Each processor supports up to 8 DIMM sockets with 6 | | | | all fans are 4056 | |
| | channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types | | | Front norto | | |
| Memory capacity | cannot be intermixed | | | Front ports | One XClarity Controller USB, one USB 3.0, one optional VGA | |
| | With RDIMMs: Up to 512GB with 16 x 32 GB RDIMMs and two processors | | | Rear ports | One VGA, two USB 3.0, two ethernet (RJ-45), one XClarity Controller connecto | |
| | With LRDIMMs: Up to 1TB with 16 x 64 GB LRDIMMs and two processors | | | _ ' | Optional COM port | |
| Memory protection | ECC, memory mirroring, and memory sparing | | | | Supports ASHRAE A4 with limitations. | |
| Storage controllers | Supports the following RAID/HBA adapters: | | | | A4: 5°C to 45°C (41°F to 113°F) Temperature - operating A3: 5°C to 40°C (41°F to 104°F) | |
| | RAID adapter Interface Drive type RAID levels JBOD Cache protection FastPath Max qty For SS Onboard GGb SATA SATA 0/1/10/5 Yes None No - | | | | Temperature - operating A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F) A2: 10°C to 35°C (50°F to 95°F) | |
| | | | | | Temperature - non operating (no package) -10°C to 60°C (14°F to 140°F) | |
| | | | | | Temperature - non operating (with package) -40°C to 70°C (-40°F to 158°F) | |
| | Days SAIA | | Ione None Yes 1 | Environmental specification | Altitude - operating (Unpressurized): 0-10000ft (0-3048m) | |
| | 730-8i 12Gbs SA | | IGB None No 1 | | Humidity - operating, non-condensing A4: 8%~90%. A3:8%~85%. A2:8%~80% | |
| | 930-8i 12Gbs SAS SATA/SAS 0/1/10/5/50/6/60 Yes 2GB Flash backup Yes 1 930-16i 12Gbs SAS SATA/SAS 0/1/10/5/50/6/60 Yes 4GB Flash backup Yes 1 | | specification | Humidity - storage (with package), non-condensing 8%~90% | | |
| | | | | Models should meet the following requirements to support A3 and A4: | | |
| | 430-81 12GDS SA | 430-81 12GDS SAS SATA/SAS - Tes None None - T | | | Redundant power supplies required No system fan fails | |
| | 430-16i 12Gbs SA 430-8e 12Gbs SA | S SATA/SAS - Yes N S SATA/SAS - Yes N | Ione None - 1 Ione None - 3 | | No ŃVMe drive | |
| | 430-16e 12Gbs SA | AS SATA/SAS - Yes N | Ione None - 3 | | No rear two HS bays Processor TDP is less than or equal to 140 watts, and no Intel Xeon 6140 or 6152 processor is installed | |
| | 930-8e 12Gbs SAS SATA/SAS 0/1/10/5/50/6/60 Yes 4GB Flash backup Yes 2 | | | | Processor TDP is less than or equal to 140 watts, and no intel Xeon 6140 or 6152 processor is installed On 12x 3.5" models. mo M.2 drives | |
| | Note: 730-8i is available in China only | | | Environmental | Energy Star Server 2.1 certified. More environmental information please see: | |
| Disk drive bays | Support 4 front 3.5" SATA simple-swap bays, or 4 front 3.5" SATA/SAS HS bays, or | | | certification | www.lenovo.com/social_responsibility/us/en/environment/ | |
| | 8 front 2.5" SATA/SAS HS bays, or 10 front 2.5" SATA/SAS HS bays with 4 AnyBay. | | | | Slot 2 Slot 3 | |
| | Optional one or two internal M.2 SSD for boot, dual M.2 SSD supports mirroring | | Slot 1 | 5012 5013 | | |
| | | 3.5" HDD, SATA6Gbs, 7.2K | 1TB/2TB/4TB/6TB/8TB | | | |
| | | 3.5" HDD, SATA6Gbs, 7.2K | 1TB/2TB/4TB/6TB/8TB/10TB | | | |
| | For 3.5" bay | 3.5" HDD, SAS12Gbs, 7.2K | 1TB/2TB/4TB/6TB/10TB | | | |
| | (3.5" disks or 2.5" disks with 3.5" tray) | 3.5" HDD. SAS12Gbs. 15K | 300GB/600GB/900GB | LOW 2 | M GHE GHE VGA 2XUSB 3.0 | |
| | | 2.5" SSD, SATA6Gbs | 240GB/480GB | EOM LOW GDL GDL ENGLISH PSU1 PSU2 (ontional) | | |
| | | 2.5" NVMe SSD, AnyBay | 960GB/1.92TB/3.84TB | port port port | | |
| | For 2.5" bay | 2.5" HDD, SATA6Gbs, 7.2K | 1TB/2TB | XClarity Controller network connector | | |
| | | 2.5" HDD, SAS12Gbs, 7.2K | 1TB/2TB | | | |
| | | 2.5" HDD, SAS12Gbs, 10K | 300GB/600GB/900GB/1.2TB/1.8TB | Note: GbE port 1 and | I LOM port 1 support Wake-on-LAN and NC-SI. Riser cards, expansion cards, and LOM adapters are optiona | |
| | | 2.5" HDD, SAS12Gbs, 10K, SED | 300GB/600GB | Expansion slot | S | |
| | | 2.5" HDD, SAS12Gbs, 15K | 300GB/600GB/900GB | Slot 1-2 (riser card 1) Supports one of the following for riser card 1: Option 1: PCIe 3.0 x8/x16 (slot 1-2). Low profile for x8, low profile or full height half length for x16 Option 2: PCIe 3.0 x8/x8 ML2 (slot 1-2). Low profile | | |
| | | 2.5" SSD, SAS12Gbs | 400GB/800GB/3.84TB | | | |
| | | 2.5" SSD, SATA6Gbs | 240GB/480GB | | | |
| | | 2.5" NVMe SSD, AnyBay | 960GB/1.6TB/1.92TB/3.84TB | | | |
| | M.2 boot drive M.2 SATA SSD 32GB/128GB | | | Slot 3 (riser card | | |
| Optical | No internal optical bay | lo internal optical bay. Optional USB DVD±RW optical drive | | | Option 2: PCIe 3.0 x 16, low profile, for dual processor model | |
| • | Integrated one dedicated management port plus two GbE ports. One LOM slot for | | | 1 | When slot 2 is full height, slot 3 cannot be used | |
| Network interfaces | customized LOM with two B L45 or SEP+ ports up to 10GbE. Optional MI 2 or PCIa | | | Custom in | | |
| | | | | System unique | options | |
| | | | | 7XH7A05892 | ThinkSystem SR530/SR570 x8/x8ML2 PCIe LP+LP Riser 1 Kit | |
| | Power-on and admin password. Trusted Platform Module, TCG 1.2 compliant, | | | | ThinkSystem SR530/SR570/SR630 x8/x16 PCIe LP+LP Riser 1 Kit | |
| | | | | | ThinkSystem SR530/SR570/SR630 x8/x16 PCIe LP+FH Riser 1 Kit | |
| | upgrade to 2.0 via UEFI setting. Optional TCM in China only. Optional lockable security bezel | | | | ThinkSystem SR530/SR570 x8 PCIe LP Riser 2 Kit | |
| Operating evotame | | | | | ThinkSystem SR530/SR570/SR630 x16 PCIe LP Riser 2 Kit | |
| | Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 7.3/6.9. SUSE Linux Enterprise Server 12 SP2/11 SP4. VMware ESXi 6.5/6.0 U3 | | | | ThinkSystem SR530/SR570/SR630 Front VGA Connector Upgrade Kit | |
| | | | | | ThinkSystem 1U Security Bezel | |
| | XClarity Controller Standard, optional upgrades to Advanced or Enterprise are | | | | ThinkSystem COM Port Upgrade Kit | |
| | available. Energy Manager. XClarity Administrator. Lenovo Capacity Planner. Provisioning Manager. Essentials. Light Path Diagnostics | | | | ThinkSystem SR570 2.5" SATA/SAS 8-Bay Backplane Kit | |
| | 0 0 | r. Essentials. Light Path Diagnos | SUCS | - | | |
| GPU support | None | | | | | |
| | | | | | | |

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