



Lenovo ThinkSystem SR570 server Rack (1U) Intel® Xeon® 3106 1.7 GHz 16 GB DDR4-SDRAM 750 W

Brand : Lenovo

Product family: ThinkSystem

Product code: 7Y03A02JNA

Product name : SR570



- A high degree of commonality of components among all servers in the portfolio reduces costs for parts-on-hand inventory and simplifies servicing

- Support for ASHRAE A4 (with processor limitations for a fully configured server) reduces operating expenses for cooling

- AnyBay storage bays enable the use of 2.5" SAS/SATA and NVMe drives in the same bays
1U, 1x Xeon Bronze 3106, 1x 16GB RDIMM DDR4-2666, 1x 530-8i, 4x 3.5" SATA/SAS HS, 1x PCIe x8, 1x PCIe x16, USB 3.0, VGA, XClarity Advanced, 1x 750 W, Region NA

Lenovo ThinkSystem SR570. Processor family: Intel® Xeon®, Processor frequency: 1.7 GHz, Processor model: 3106. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 16 GB. Ethernet LAN. Power supply: 750 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)



| Processor | | Network | |
|--|--------------------------------------|--|---|
| Processor manufacturer * | Intel | Bluetooth | ✗ |
| Processor family * | Intel® Xeon® | Ethernet LAN | ✓ |
| Processor generation | 1st Generation Intel® Xeon® Scalable | Ethernet interface type | Gigabit Ethernet |
| Processor model * | 3106 | Ports & interfaces | |
| Processor frequency * | 1.7 GHz | Ethernet LAN (RJ-45) ports * | 2 |
| Processor cores | 8 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 3 |
| Processor cache | 11 MB | VGA (D-Sub) ports quantity | 2 |
| Memory channels supported by processor | Hexa | Expansion slots | |
| Number of processors installed | 1 | PCI Express x8 slots | 1 |
| Thermal Design Power (TDP) | 85 W | PCI Express x16 slots | 1 |
| Processor cache type | L3 | PCI Express slots version | 3.0 |
| Processor socket | LGA 3647 (Socket P) | Design | |
| Processor lithography | 14 nm | Chassis type * | Rack (1U) |
| Processor threads | 8 | Rack mounting | ✓ |
| Processor operating modes | 64-bit | Performance | |
| Stepping | U0 | Performance management | XClarity Enterprise |
| Bus type | UPI | Trusted Platform Module (TPM) | ✓ |
| Processor codename | Skylake | Software | |
| Tcase | 77 °C | Compatible operating systems * | 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 |
| Maximum internal memory supported by processor | 768 GB | Processor special features | |
| Memory types supported by processor | DDR4-SDRAM | Enhanced Intel SpeedStep Technology | ✓ |
| Memory clock speeds supported by processor | 2133 MHz | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| ECC supported by processor | ✓ | Intel® Hyper Threading Technology (Intel® HT Technology) | ✗ |
| Execute Disable Bit | ✓ | Intel® Turbo Boost Technology | ✗ |
| Maximum number of PCI Express lanes | 48 | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Processor package size | 76.0 x 56.5 mm | Intel Trusted Execution Technology | ✓ |
| Processor code | SR3GL | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Scalability | 2S | | |
| Embedded options available | ✓ | | |
| Conflict-Free processor | ✓ | | |
| Memory | | | |
| Internal memory * | 16 GB | | |
| Internal memory type * | DDR4-SDRAM | | |

| | | | |
|------------------------------------|-----------------------|--|-------------|
| Memory | | Processor special features | |
| Memory slots | 16 | Intel TSX-NI | ✓ |
| ECC | ✓ | Intel 64 | ✓ |
| Memory clock speed | 2666 MHz | Intel Virtualization Technology (VT-x) | ✓ |
| Memory layout (slots x size) | 1 x 16 GB | Intel TSX-NI version | 1.00 |
| Maximum internal memory * | 1 TB | Processor ARK ID | 123540 |
| Storage | | Power | |
| Maximum storage capacity * | 48 TB | Redundant power supply (RPS) support * | ✓ |
| Number of HDDs supported | 4 | Power supply * | 750 W |
| Supported HDD sizes | 3.5" | Number of redundant power supplies supported | 2 |
| RAID support * | ✓ | Number of redundant power supplies installed | 1 |
| RAID levels | 0, 1, 5, 10, 50, JBOD | Weight & dimensions | |
| Supported RAID controllers | 530-8i | Width | 482 mm |
| Hot-swap | ✓ | Depth | 778.3 mm |
| Optical drive type * | ✗ | Height | 43 mm |
| Supported storage drive interfaces | SAS, Serial ATA III | Technical details | |
| Card reader integrated | ✗ | Sustainability certificates | ENERGY STAR |
| Graphics | | Other features | |
| On-board graphics card | ✓ | Built-in display | ✗ |
| On-board graphics card model | Matrox G200 | | |
| Network | | | |
| Wi-Fi | ✗ | | |

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