



Lenovo ThinkSystem SR645 server 0 GB Rack (1U) AMD EPYC 7203 2.8 GHz 32 GB DDR4-SDRAM 1100 W



Brand : Lenovo

Product family: ThinkSystem

Product code: 7D2XA05TEA

Product name : SR645

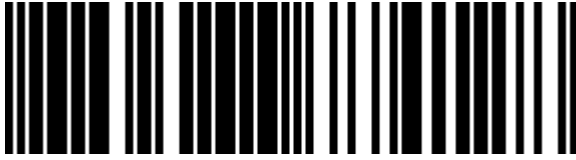
- No OS
- AMD EPYC 7203 (64MB Cache, 2.8GHz)
- 32GB DDR4-SDRAM (1 x 32)
- AMD EPYC 7203 (64MB Cache, 2.8GHz), 32GB DDR4-SDRAM, Matrox G200, 930-8i, 1100W, No OS

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The Lenovo ThinkSystem SR645 is a 2-socket 1U server that features the AMD EPYC 7002 "Rome" and AMD EPYC 7003 "Milan" families of processors. With up to 64 cores per processor and support for the new PCIe 4.0 standard for I/O, the SR645 offers the ultimate in two-socket server performance in a space-saving 1U form factor.

This product guide provides essential pre-sales information to understand the ThinkSystem SR645 server, its key features and specifications, components and options, and configuration guidelines. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the SR645 and consider its use in IT solutions.

| Processor | | Design | |
|-------------------------------------------------|------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------|
| Processor manufacturer * | AMD | Redundant fans support | ✓ |
| Processor family * | AMD EPYC | Performance | |
| Processor model * | 7203 | Performance management | XClarity Enterprise |
| Processor frequency * | 2.8 GHz | Noise level | 49 dB |
| Processor cores | 8 | Trusted Platform Module (TPM) | ✓ |
| Processor cache | 64 MB | Trusted Platform Module (TPM) version | 2.0 |
| Memory | | Software | |
| Internal memory * | 32 GB | Operating system installed * | ✗ |
| Internal memory type * | DDR4-SDRAM | Compatible operating systems * | Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi |
| ECC | ✓ | Power | |
| Memory layout (slots x size) | 1 x 32 GB | Redundant power supply (RPS) support * | ✓ |
| Storage | | Power supply * | 1100 W |
| Total storage capacity * | 0 GB | Operational conditions | |
| RAID support * | ✓ | Operating temperature (T-T) | 5 - 45 °C |
| RAID levels | 0, 1, 5, 6, 10, 50, 60 | Storage temperature (T-T) | -40 - 60 °C |
| Supported RAID controllers | 930-8i | Operating relative humidity (H-H) | 8 - 90% |
| Optical drive type * | ✗ | Storage relative humidity (H-H) | 8 - 90% |
| Internal drive bays | 8 | Operating altitude | 0 - 3050 m |
| Graphics | | Weight & dimensions | |
| On-board graphics card | ✓ | Width | 440 mm |
| On-board graphics card model | Matrox G200 | Depth | 773 mm |
| Maximum graphics card memory | 16 MB | Height | 43 mm |
| Ports & interfaces | | Weight | 20.2 kg |
| USB 2.0 ports quantity | 1 | Design | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 4 | Chassis type * | Rack (1U) |
| VGA (D-Sub) ports quantity | 2 | Product colour | Black, Metallic |



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