

System specifications and diagrams

Hardware configurations and system block diagram

Lenovo

Features and specifications

Components	Specification
Form factor	1U rack
Processor	One Intel Xeon E2400 series processor, up to eight cores at 95 W
Chipset	Intel C266
Memory	<ul style="list-style-type: none">Up to four DIMM slotsLenovo TruDDR5 UDIMMs are supportedDIMMs operate at up to 4400 MHz
Memory maximum	Up to 128 GB with four 32 GB UDIMMs
Disk drive bays	<p>2.5-inch or 3.5-inch drive bays at the front:</p> <ul style="list-style-type: none">Four 3.5-inch simple-swap or hot-swap SATA drive baysTwo 3.5-inch simple-swap SATA + Two 3.5-inch simple-swap NVMe (Gen 4) drive baysEight 2.5-inch hot-swap SAS/SATA SSD drivesTen 2.5-inch hot-swap SAS/SATA SSD drives <p>Two optional M.2 drives inside the server (installed on an M.2 adapter in a PCIe slot)</p>
Network interfaces	<ul style="list-style-type: none">Two 1 GbE RJ45 ports embedded on the system boardOne XCC management RJ45 1 GbE port
PCIe slots	<ul style="list-style-type: none">One PCIe 5.0 x16 slot or two PCIe 4.0 x8 slotsOne PCIe 4.0 x8 connector to support internal (CFF) RAID or two simple-swap NVMe SSDs

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GPU support	One NVIDIA T1000 or T400 GPU (can only be installed in PCIe slot 2)
Fans	Four simple-swap fans
Power	Two hot-swap redundant power supplies or one fixed power supply
Management	Standard XClarity management tools for ThinkSystem V3 server

Limitations

- Only the 2.5-inch drive model supports the CFF RAID adapter configuration.
Click [HERE](#) to see the CFF RAID adapter location.
- Only the hot-swap power supply model supports the flash power module for the RAID adapter.
Click [HERE](#) to see the flash power module location.
- The SR250 V3 CPU supports the [Intel VROC for RAID solution](#), but the Intel VROC on the SR250 V3 does not support the NVMe RAID feature.

SR250 V3 block diagram

