



⇒ ThinkSystem ST550 technical specifications

Technical specifications



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The table shows ST550 detailed specifications.

ST550	Descriptions
Processor	- Next-generation Intel® Xeon® processor product family (Skylake) - Up to 125 W (Platinum, Gold, Silver, Bronze)
Memory	- Six channels per CPU 12x DDR4 (RDIMM/LRDIMM) 2666 MHz DIMMs - Supports 8 GB / 16 GB / 32 GB / 64 GB DIMMs - Up to 768 GB
Drive bay	- Up to eight 3.5-inch simple-swap SATA drives - Up to eight 3.5-inch hot-swap SATA/SAS drives - Up to 16x 2.5-inch hot-swap SATA/SAS drives with four AnyBay - Up to 16x 2.5-inch and four 2.5-inch (ODD conversion) with four AnyBay - Hybrid: Up to four 2.5-inch and eight 3.5-inch hot swap SATA/SAS drives - Up to two M.2 internal (dual M.2 with mirroring)
RAID and storage HBA	- Intel Software RAID - RAID controllers with eight, 16, or 24 ports - Non-RAID HBA with eight or 16 ports

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Networking	- Embedded 2x 1GbE 1 GbE dedicated management port
PCIe	- Six PCIe 3.0 slots - Slot 1: x8 slot/x8 lane FHHL - Slot 2: x16 slot/x16 lane FHHL - Slot 3: x16 slot/x16 lane (double wide) FHFL - Slot 4: x16 slot/x8 lane FHFL - Slot 5: x16 slot/x16 lane (double wide) FHFL - Slot 6: x8 Slot/x4 lane FHFL Note: CPU1 supports slot 1, 2, 3, 6 ; CPU 2 supports slot 4, 5
Power supply	550 W / 750 W Platinum; 750 W Titanium; cabled 450 W Gold 240 V HVDC Ready (PRC only) - Energy Star 2.1 Compliance
System management	- Lenovo XClarity Controller (Basic, Advance, Enterprise) - Lenovo XClarity Administrator - Lenovo XClarity Energy Manager - Lenovo Capacity Planner
Thermal and cooling	- Four non-hot-swap fans (One RDN) - ASHRAE A2 standard - ASHRAE A3/A4 with limitations