



Feature	S5650 technical specification	
Form factor	Tower with Lock	
Processor	Intel Xeon E5-2640 Series V4(2.40GHz)	
Processor sockets	1 (10 core)	
Chipset	Intel C610	
Internal Interconnect	2 x QuickPath Interconnect (QPI) Links; 6.4 GT/s, 8.0GT/s,9.6GT/s	
Cache	25 MB L3 cache; core options:4,6,8,10,12,16,18	
Memory	Up to 512 GB (24 DIMM slots):2/GB/4GB/8GB/16GB/32GB/64GB DDR4	
I/O Slots	8 PCIe slots	
RAID controllers	RAID Level 5 Internal controllers: PERC S130 (SW RAID), PERC H330, PERC H730, PERC H730P External HBAs (RAID): PERC H830 External HBAs (non-RAID): 12Gbps SAS HBA	
DVD Drive	DVD-RW Drive	
Drive bays	Internal hard drive bay and hot-plug backplane: Up to 8 x 3.5" SAS, SATA, nearline SAS, SSD, PCIe SSD drives with optional flex bay Up to 18 x 3.5" SAS, SATA, nearline SAS, SSD drives	Up to 16 x 2.5" SAS, SATA, nearline SAS, SSD, PCIe SSD drives with optional flex bay Up to 32 x 2.5" SAS, SATA, nearline SAS, SSD drives
Maximum internal storage	18 x 3.5" HDD – up to 72TB via 4TB hot-plug SAS hard drives(Optional) 32 x 2.5" HDD – up to 38TB via 1.2TB hot-plug SAS hard drives(Optional) Up to 4 optional Express Flash PCIe SSD's	
Hard drives	3 x 1 TB 7200 RPM SATA Hot-plug hard drive options: 2.5" SAS, SATA, nearline SAS, SSD, Express Flash PCIe SSD 3.5" SAS, SATA, nearline SAS, SSD Self-encrypting drives available	
Embedded NIC	2 X 1Gb Network Port	
GPU	Integrated Intel Graphics	
Power supplies	2 X Hot-Plug Power Supply Unit and Fan Kit.	
Availability	High-efficiency, hot-plug, redundant power supplies; hot-plug drive bays; dual internal SD module; hot-plug redundant fan; optional bezel; information tag; ECC memory switch independent partitioning, Single Device Data Correction (SDDC), spare rank, tool-less chassis, support for high availability clustering and virtualization, proactive systems management alerts	
Rack support	Ready Rails™ II sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded hole racks, with support for optional tool-less cable management arm. Rack mount model available (must be ordered at time of initial purchase).	
Operating systems	Microsoft Windows Server® 2008/2012 R2 (includes Hyper-V®) Microsoft Windows Server 2008/2012 R2 SP2, x86/x64 (includes Hyper-V) Novell® SUSE® Linux Enterprise Server Red Hat® Enterprise Linux®	Optional embedded hypervisors: Citrix® XenServer® VMware vSphere® ESXi™ Red Hat Enterprise Virtualization® For more information on the specific versions and additions, visit: www.sundenc.com .
Warranty	3 Years comprehensive warranty with parts and service	