



Feature	S5650 technical specification	
<b>Form factor</b>	Tower with Lock	
<b>Processor</b>	Intel Xeon E5-2640 Series V4(2.40GHz)	
<b>Processor sockets</b>	1 (10 core)	
<b>Chipset</b>	Intel C610	
<b>Internal Interconnect</b>	2 x QuickPath Interconnect (QPI) Links; 6.4 GT/s, 8.0GT/s,9.6GT/s	
<b>Cache</b>	25 MB L3 cache; core options:4,6,8,10,12,16,18	
<b>Memory</b>	Up to 512 GB (24 DIMM slots):2/GB/4GB/8GB/16GB/32GB/64GB DDR4	
<b>I/O Slots</b>	8 PCIe slots	
<b>RAID controllers</b>	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	
<b>DVD Drive</b>	DVD-RW Drive	
<b>Drive bays</b>	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
<b>Maximum internal storage</b>	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	
<b>Hard drives</b>	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	
<b>Embedded NIC</b>	2 X 1Gb Network Port	
<b>GPU</b>	Integrated Intel Graphics	
<b>Power supplies</b>	2 X Hot-Plug Power Supply Unit and Fan Kit.	
<b>Availability</b>	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	
<b>Rack support</b>	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).	
<b>Operating systems</b>	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: <a href="http://www.sundenc.com">www.sundenc.com</a> .
<b>Warranty</b>	3 Years comprehensive warranty with parts and service	