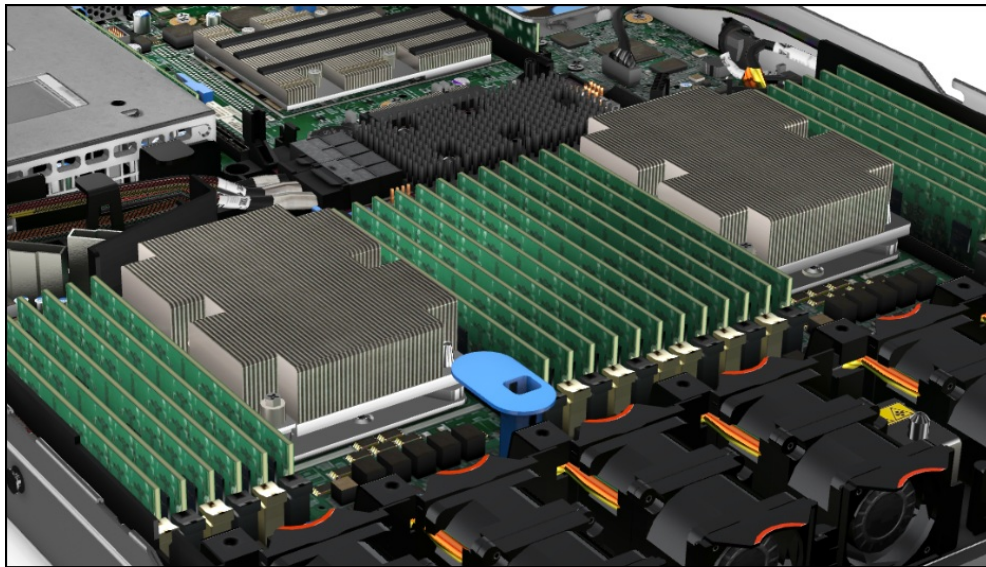


What's New - July 2019

Article

Processors

This month we enhanced the range of second-generation Intel Xeon Scalable processors that we offer across our server line.



New processors added to our product line are:

- Intel Xeon Gold 5218T 16C 105W 2.1GHz
- Intel Xeon Gold 5218T 16C 105W 2.2GHz
- Intel Xeon Gold 5220S 18C 125W 2.7GHz
- Intel Xeon Gold 5220T 18C 105W 1.9GHz
- Intel Xeon Gold 6222V 20C 115W 1.8GHz
- Intel Xeon Gold 6226 12C 125W 2.7GHz
- Intel Xeon Gold 6230N 20C 125W 2.3GHz
- Intel Xeon Gold 6230T 20C 125W 2.1GHz
- Intel Xeon Gold 6234 8C 130W 3.3GHz
- Intel Xeon Gold 6238 22C 140W 2.1GHz
- Intel Xeon Gold 6238L 22C 140W 2.1GHz
- Intel Xeon Gold 6238M 22C 140W 2.1GHz
- Intel Xeon Gold 6240L 18C 150W 2.6GHz
- Intel Xeon Gold 6240M 18C 150W 2.6GHz
- Intel Xeon Gold 6244 8C 150W 3.6GHz
- Intel Xeon Gold 6246 12C 165W 3.3GHz
- Intel Xeon Gold 6252N 24C 150W 2.3GHz

- Intel Xeon Gold 6262V 24C 135W 1.9GHz

We also announced support of the 240W high-performance processor with our water-cooled SD650 server:

- Intel Xeon Platinum 8274 24C 240W 3.2GHz Processor

You can read about the capabilities of these new processors in server product guides:

- [ThinkSystem SR950 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR860 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR850 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR650 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR630 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR590 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR570 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR550 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SR530 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem ST550 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SN850 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SN550 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SD650 Server \(Xeon SP Gen 2\)](#)
- [ThinkSystem SD530 Server \(Xeon SP Gen 2\)](#)

For our SN550 and SN850 blade servers, we announced support of additional first-generation Intel Xeon Scalable processors

- Intel Xeon Gold 6126T 12C 125W 2.6GHz
- Intel Xeon Gold 6144 8C 150W 3.5GHz
- Intel Xeon Gold 6146 12C 165W 3.2GHz
- Intel Xeon Platinum 8160T 24C 150W 2.1GHz

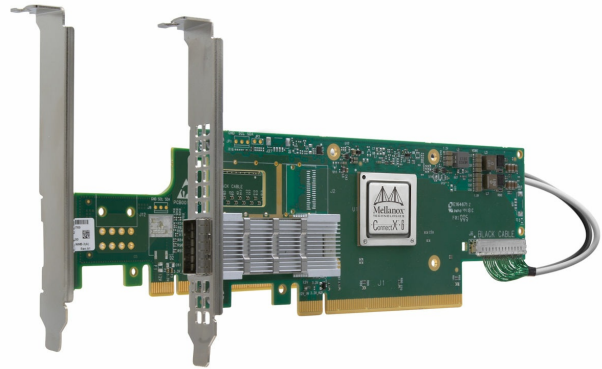
Details in the product guides:

- [ThinkSystem SN550 Server \(Xeon SP Gen 1\)](#)
- [ThinkSystem SN850 Server \(Xeon SP Gen 1\)](#)

Adapters

We added the following adapters to our server portfolio this month:

- 25 Gb Ethernet
 - [Broadcom 57414 10/25GbE SFP28 2-port PCIe Ethernet Adapter](#)
- 100Gb and 200Gb InfiniBand
 - [ThinkSystem Mellanox ConnectX-6 HDR QSFP56 1-port PCIe 4 InfiniBand Adapter](#)
 - [ThinkSystem Mellanox ConnectX-6 HDR/200GbE QSFP56 1-port PCIe 4 VPI Adapter \(SharedIO\) DWC](#)
 - [ThinkSystem Mellanox ConnectX-6 HDR100 InfiniBand Adapters](#)
- 32Gb FC HBA
 - [ThinkSystem Emulex LPe35000 32Gb 1-port and 2-port PCIe Fibre Channel Adapters](#)
- NVIDIA Quadro GPUs
 - [ThinkSystem NVIDIA Quadro RTX 5000 16GB PCIe Active GPU](#) (for NA and EMEA only)
 - [ThinkSystem NVIDIA Quadro RTX 4000 8GB PCIe Active GPU](#)
- RAID
 - [ThinkSystem RAID 530-16i PCIe 12Gb Adapter](#)



Additional server updates

We also announced this new support:

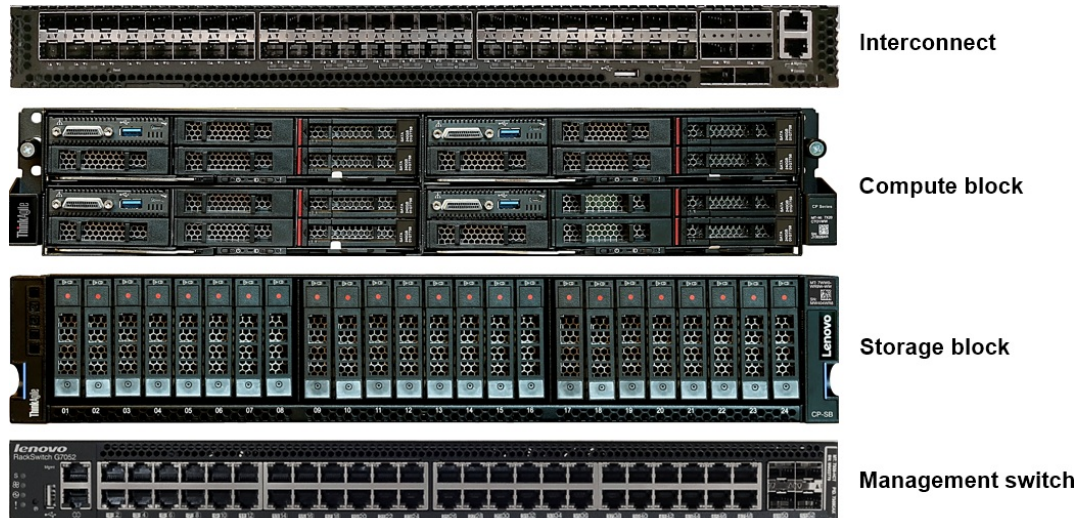
- ThinkSystem Friction 2-Post Screw-in Rail Kit for some rack servers including the [ThinkSystem SR250](#) and SR150
- Added LTO7 and LTO8 support internal to the [ThinkSystem ST50](#)
- Added RAID 730-8i 2GB Flash PCIe 12Gb Adapter support to the ST50, ST250, SR150 and SR250
- VMware ESXi 6.7 U2 as a preload on M.2 drives with ThinkSystem servers

ThinkAgile CP

Earlier this month, we announced a refresh of the Lenovo ThinkAgile CP Series Cloud Platform where the compute nodes are now available with second-generation Intel Xeon Scalable processors.

Details in the [Lenovo ThinkAgile CP Series Cloud Platform \(Xeon SP Gen 2\) product guide](#) .

Lenovo ThinkAgile CP Series is an all-in-one, composable cloud with an integrated application marketplace and end-to-end automation, delivering a turn-key cloud experience in your own data center. ThinkAgile CP Series uses modular compute, storage, and networking components paired with the cloud virtualization software to create pools of IT resources, independently scaling and allocating capacity, and automatically configuring resources to fulfill application requirements.



HPC updates

This month, Lenovo also announced updates to these HPC offerings:

- Lenovo Scalable Infrastructure (LeSI) Solutions - 19B release
 - [Product Guide](#)
 - [Datasheet](#)
- Lenovo Distributed Storage Solution for IBM Spectrum Scale (DSS-G) - New models
 - [Product Guide](#)
 - [Datasheet](#)

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