



# What's New - May 23, 2017

Article

## New server options

Lenovo has announced several server options. Key options are as follows (links are to relevant option product guides):

- Processors and memory:
  - Intel Xeon Processor E5-2630L v4 10C 1.8GHz 25MB 2133MHz 55W
  - Intel Xeon Processor E5-2650L v4 14C 1.7GHz 35MB 2400MHz 65W
  - 16GB TruDDR4 Memory (2Rx8, 1.2V) PC4-19200 CL17 2400MHz LP RDIMM
  - 32GB TruDDR4 Memory (4Rx4, 1.2V) PC4-19200 CL17 2400MHz LP LRDIMM
- Network adapters
  - [Intel X550-T1 Single Port 10GBase-T Adapter](#)
  - [Intel OPA 100 Series Omni-Path Architecture adapters](#) - now supported on more servers
  - [Mellanox ConnectX-4 EDR IB VPI Single-port x16 PCIe 3.0 HCA](#)
- 2-5-inch NVMe drive families
  - [NVMe 2.5" Enterprise Mainstream PCIe SSD \(Toshiba\)](#)
  - [PM963 NVMe 2.5" Enterprise Value PCIe SSD \(Samsung\)](#)
- Flash Storage Adapter families
  - [NVMe Enterprise Mainstream Flash Adapter \(Toshiba\)](#)
  - [Intel P3700 NVMe Enterprise Performance Flash Adapters](#) - added 800GB capacity
- Embedded Virtualization - available only configure-to-order:
  - Adapter for SD Media w/ VMware ESXi 6.5 (1 SD Media)
  - Adapter for SD Media w/ VMware ESXi 6.5 (2 SD Media, RAIDed)
  - USB Memory Key for VMware ESXi 6.5
- NVIDIA GPUs
  - NVIDIA Tesla M10 GPU, PCIe (passive)
  - NVIDIA Tesla P40 GPU, PCIe (passive)
  - NVIDIA Tesla P100 16GB GPU PCIe (Passive)

We've also updated 19 server product guides and the PCIe Expansion Node product guide to indicate the support of these new options:

- [1-socket rack servers](#)
- [1-socket tower servers](#)
- [2-socket rack servers](#)
- [2-socket tower servers](#)
- [Mission-critical rack servers](#)
- [Blade servers](#)
- [Flex System PCIe Expansion Node](#)
- [Dense servers](#)

The [Flex System Interoperability Guide](#) has also been updated with the new support.

## New Storage options

We announced three new drives for the [Lenovo Storage D1212 and D1224 Drive Enclosures](#):

- Lenovo Storage 400GB 3DWD SAS SSD - Hybrid Tray
- Lenovo Storage 3.84TB 3DWD 2.5" SAS SSD
- Lenovo Storage 7.68TB 1DWD 2.5" SAS SSD
- Lenovo Storage 900GB 15K 2.5" SAS HDD

## Operating System support

We also announced Lenovo support for the following operating systems across most of our current servers as well as many recently withdrawn servers:

- For current systems:
  - VMware ESXi 6.0 U3
- For specific older systems with IBM firmware:
  - Windows Server 2016
  - VMware ESXi 6.5
  - VMware ESXi 6.0 U2
  - Red Hat Enterprise Linux 7.3
  - SUSE Linux Enterprise Server 12 SP2

Details about OS compatibility at the [OS Interoperability Guide](#).

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