

# Flex System Storage Expansion Node

Expand compute nodes for more storage capability



Over time, IT systems have become more complex and difficult to manage. Without the right systems in place, you run the risk of spending too much time on operations and maintenance and not enough time on innovation. You need a flexible infrastructure that can meet today's ever-changing business demands.

The Flex System™ Storage Expansion Node is an element of the Flex System family and the PureFlex System family, which combines compute, storage, networking, virtualization and management into a single system that anticipates resource needs to help you optimize your infrastructure. The Flex System Storage Expansion Node provides dedicated hard disk drives (HDDs) or solid state disk (SSD) storage to a Flex System x220 and x240 compute node, which expands the compute node's capability.

Key features:

- Up to 12 SAS/SATA connected HDD or SSD storage
- RAID-0, -1, -5, -6, -10, -50 and -60 function with up to 1 GB cache
- Hot-swappable drives without shutting down system
- Feature on Demand upgrades help lower starting costs
- Front panel and drive bay LED indicators

The Flex System Storage Expansion Node is ideal for a variety of application environments, including:

- Unstructured data analytics within a distributed database environment
- Network Attached Storage infrastructure solutions



## Specifications

<b>Feature on Demand</b>	ServeRAID™ M5100 Series RAID 6 Upgrade ServeRAID M5100 Series SSD Caching Enabler ServeRAID M5100 Series Performance Accelerator
<b>HDD support</b>	SAS 2.1 at 6 Gbps and SATA
<b>PCIe support</b>	x8 PCIe Gen 3, 8 GTps
<b>Drive modes</b>	JBOD and RAID
<b>RAID modes</b>	RAID-0, -1, -5, -6, -10, -50 and -60
<b>Cache options</b>	512 MB and 1 GB with cache-to-flash super capacitor offload
<b>Form factor</b>	Flex System™ standard node
<b>Chassis support</b>	Flex System Enterprise Chassis
<b>Limited warranty</b>	3-year customer replaceable unit and onsite limited warranty, next business day 9x5, service upgrades available
<b>Systems management</b>	iMM V2, RTMM KVM Dongle

## For more information

To learn more about the Flex system Storage Expansion Node, contact your Lenovo representative or Business Partner or visit [ibm.com/systems/pureflex](http://ibm.com/systems/pureflex)

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