LENOVO FOR THE DATA CENTER AND BEYOND

ThinkAgile

Sub-Series	VX Solutions	HX Solutions	MX Solutions	SXM Series
Software	VMware vSAN	Nutanix	Microsoft Azure Stack HCI	Microsoft Azure Stack Hub
Model	Integrated Systems, Certified Nodes	Integrated Systems, Certified Nodes	Integrated Systems, Certified Nodes	–
Target Workloads	ThinkAgile solutions simplify IT infrastructure and accelerate time to value, freeing you to focus on your core business			
Form factor	1U/ 2U	1U/ 2U	1U/ 2U	Full rack
Processors	Intel® Xeon® 6 processors 5th Gen AMD EPYC™	Intel® Xeon® 6 processors 5th Gen AMD EPYC™ processors	Intel® Xeon® 6 processors	4th Gen Intel® Xeon® Scalable

Tower Servers

Lenovo Model	ST45 V3	ST50 V3	ST250 V3	ST650 V3
Rack Units	4U	4U	4U	4U
Typical Workloads	Business Application, File server, Mail server, FTP server	Business applications, collaboration, and web applications	SMB Applications, IT Infrastructure, Edge Computing	Small businesses up to large enterprises that need industry-leading reliability, management, and security
Processor	1x AMD EPYC™ 4004 processor	1x Intel® Xeon® E-2400/6300-series	1x Intel® Xeon® E-2400/6300-series	Up to 2x 5th Gen Intel® Xeon® Scalable processors 250W
Memory Maximum	64GB	128GB	128GB	4TB
Storage Maximum (TB)	24TB	24TB	176TB	352TB

Edge Solutions

Lenovo Model	SE100	SE350 V2	SE360 V2	SE450	SE455 V3
Rack Units	1U	1U	2U	2U, 300mm or 360mm depth	2U
Typical Workloads	Retail, Manufacturing markets	IT Infrastructure, Management Server, Small Storage Server, Web Host	IT Infrastructure, Management Server, Small Storage Server, Edge AI	Smart Manufacturing, Smart Cities, Smart Retail, Smart Telecom	AI, Telco, analytics, and critical workloads
Processor	1x Intel® Core™ Ultra 7 processor 255H	1-socket Intel® Xeon® D-2700	1-socket Intel® Xeon® D-2700	1x 3rd Gen Intel® Xeon® Platinum processor, up to 36 cores	1x AMD EPYC™ 8004 Series Processor
Memory Maximum	64GB	256GB	256GB	1.5TB	576GB
Storage Maximum (TB)	3.84TB	30.72TB	30.72TB	122.88TB	491.52TB

High End

Lenovo Model	SR850 V3	SR860 V3	SR950 V3
Rack Units	2U	4U	8U
Typical Workloads	SAP HANA, ERP, CRM, Data Warehouse, Database, BI, Analytics, AI	SAP HANA, ERP, CRM, Data Warehouse, Database, BI, Analytics, AI	SAP HANA, databases, Big Data, business analytics, ERP & CRM, business logic, and virtualization
Processor	2x or 4x 4th Gen Intel® Xeon® Scalable processors, up to 350W	2x or 4x 4th Gen Intel® Xeon® Scalable processors, up to 350W	8x 4th Gen Intel® Xeon® Scalable processors 350W
Memory Maximum	16TB	16TB	32TB
Storage Maximum (TB)	1475TB	1475TB	492TB

Due to space constraints, some older systems that are still available are not displayed on the poster.

Rack Servers

Lenovo Model	HS350X V3	SR250 V3	SR630 V3	SR630 V4	SR635 V3	SR645 V3	SR650 V2
Rack Units	2U	1U	1U	1U	1U	1U	2U
Typical Workloads	Big data analytics, Multimedia streaming, AI/data lakes	Database, Entry Cloud, IT Infrastructure, Virtualization, Web	Databases, virtualization and cloud computing, infrastructure security, streaming media, web, and HPC	Cloud Compute, 5G Core for Telcom , Data Analytics, Virtualization	HPC, 5G/Networking, AI/ML operation, VDI, Distributed Workloads	Virtualization, Cloud hosting, Database	HPC, database, virtualization, and VDI
Processor	1x 4th or 5th Gen Intel® Xeon® Scalable processor	1x Intel® Xeon® E-2400/6300-series	2x 5th Gen Intel® Xeon® Scalable processors, 64 cores	Up to 2x Intel® Xeon® 6 processor	1x 5th Gen AMD EPYC™ processor and 360W	2x 5th Gen AMD EPYC™ processor and 400W	Up to 2x 5th Gen Intel® Xeon® Scalable processors 270W
Memory Maximum	1TB	128GB	8TB	8TB	3TB	6TB	12TB
Storage Maximum (TB)	576TB	88TB	737.28TB	368.64TB	737.28TB	737.28TB	1966.08TB

Lenovo Model	SR650 V3	SR650 V4	SR650a V4	SR655 V3	SR665 V3
Rack Units	2U	2U	2U	2U	2U
Typical Workloads	Enterprise IT infrastructure, HPC, AI/ML applications, Data Analytics	Databases, Virtualization, Hybrid Cloud, Analytics	AI, Deep Learning, HPC	VDI, Virtualization, Cloud, SDS	Inference, virtualization, VDI, HPC, Hyperconverged infrastructure
Processor	Up to 2x 5th Gen Intel® Xeon® Scalable processors 385W	Up to 2x Intel® Xeon® 6 processors 350W	Up to 2x Intel® Xeon® 6 processors 350W	One 5th Gen AMD EPYC™ processor 360W	Up to 2x 5th Gen AMD EPYC™ processors 360W
Memory Maximum	8TB	8TB	8TB	3TB	6TB
Storage Maximum (TB)	1966.08TB	2211.84TB	491.52TB	1966.08TB	1966.08TB

GPU Rich Servers

Lenovo Model	SR670 V2	SR675 V3	SR680a V3
Rack Units	3U	3U	8U
Typical Workloads	AI, HPC and graphical workloads across an array of industries		AI workloads including modeling, simulation, financial tech, and scientific research
Processor	2x 3rd Gen Intel® Xeon® Scalable processors	1x or 2x 5th Gen AMD EPYC™ processors	2x 5th Gen Intel® Xeon® Scalable processors
GPU	Up to 8x DW, 4x SXM	Up to 8x DW, 4x SXM5	8x NVIDIA HGX™ H100/ H200
Memory Maximum	4TB	3TB	4TB
Storage Maximum (TB)	246TB	246TB	245.76TB

Lenovo Model	SR685a V3	SR780a V3
Rack Units	8U	5U
Typical Workloads	AI workloads including modeling, simulation, financial tech, and scientific research	
Processor	2x 5th Gen AMD EPYC™ processors	2x 5th Gen Intel® Xeon® Scalable processors
GPU	8x AMD Instinct™ MI300X, 8x NVIDIA HGX™ H100/H200	8x NVIDIA HGX™ H100/ H200/B200
Memory Maximum	3TB	3TB
Storage Maximum (TB)	245.76TB	174TB

Supercomputing Servers

Lenovo Model	SD650 V3	SD650-N V3	SD665 V3	SC750 V4	SC777 V4
Rack Units	2 nodes per 1U	1 node per 1U	2 nodes per 1U	2 nodes per vertical 21" SC750 V4 tray	NVIDIA GB200 NVL4 platfor
Typical Workloads	Workloads High Performance Computing (HPC), AI training, heavy simulations, and modeling				
Processor	2x 5th Gen Intel® Xeon® Scalable processors per node, or 2x Intel® Max Series processors		2x 5th Gen AMD EPYC™ processors per node	2x Intel® Xeon® 6900-series processors	2x NVIDIA Grace processors, with 72 Arm Neoverse V2 cores
GPU	Not supported	NVIDIA HGX™ H100 4-GPU	Not supported	Not supported	4x NVIDIA Blackwell B200
Memory Maximum	2TB	2TB	3TB	3TB	1024GB per node / 960GB usable with ECC
Storage Maximum (TB)	61.44TB	30.72TB	61.44TB	92.16TB	153.6TB

Multinode Servers

Lenovo Model	SD530 V3	SD550 V3	SD535 V3
Rack Units	1U	2U	1U
Typical Workloads	AI, Cloud and High-Performance Computing application		Virtualization, High-Performance workloads, Big Data analytics
Processor	Up to 2x 5th Gen Intel® Xeon® Scalable processors		1x 5th Gen AMD EPYC™ processor
Memory Maximum	1TB	2TB	1.5TB
Storage Maximum (TB)	30.72TB	92.16TB	92.16TB

DM series

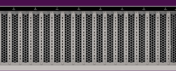|	DM Hybrid/All-Flash Systems				
Model	DM3010H	DM7100H/F	DM5200H/F	DM3200F	DM7200F
Target Workloads	Wide range of enterprise workloads, including big data and analytics, artificial intelligence, engineering and design, hybrid clouds, and other storage I/O intensive applications				
Max Drives (HDD/SSD)	144	H: 720 F: 480 (96 NVMe + 384 SAS)	H: 480 F: 72	48	120
Max Raw Capacity	2.3PB	H: 11.2PB F: 7.34PB	H: 11.5PB F: 1.1PB	737PB	1.8PB
Expansions Supported	H: DM240S, DM120S, DM600S F: DM240N, DM242N (DM7200, DM5200, DM3200), DM240S (DM7100)				
Protocols Supported	H: FC, iSCSI, NFS, pNFS, CIFS/SMB, S3 F: FC, iSCSI, NFS, pNFS, SMB, NVMe/FC, S3				

DE series

	DE Hybrid/All-Flash Systems			
Model	DE6400H/F	DE6600H/F	DE4800H/F	DE4200H
Target Workloads	Perfect fit for a wide range of enterprise workloads, including big data and analytics, video surveillance, technical computing, backup and recovery, and other storage I/O intensive applications			
Max Drives (HDD/SSD)	H: 264 drives (24 NVMe in Controller Enclosure + 240 NL-SAS HDDs) F: 120 drives (24 NVMe + 96 SAS SSD)	H: 444 drives (24 NVMe in Controller Enclosure + 420 NL-SAS HDDs) F: 120 drives (24 NVMe + 96 SAS SSD)	H: 300/120 F: -/120	96/24
Max Raw Capacity	H: 4.68PB F: 1.84PB	H: 7.92PB F: 1.84PB	H: 7.2PB F: 1.47PB	2.1PB
Expansions Supported	H: Up to 4 DE240S, DE120S, DE600S F: Up to 4 DE240S	H: 7x DE120S, 4x DE240S or 7x DE600S F:Up to 4 DE240S	H: Up to 7 2U12, 2U24 Up to 4 4U60 F: Up to 4 DE240S	Up to 3 2U12, 2U24
Protocols Supported	DE6400, DE6600: FC, iSCSI, iSER/IB, NVMe/FC, NVMe/IB, NVMe/RoCE, and SRP/IB DE4800, DE4200: FC, iSCSI, SAS			

DG series

	DG All-Flash systems	
Model	DG5200	DG7200
Target Workloads	Ideal for a variety of applications such as data lakes, backup consolidation, media and rendering, and analytics	
Max Drives (SSD)	72	120
Max Raw Capacity	2.2PB	7.4PB
Expansions Supported	DG242N 2U24	DG242N 2U24
Protocols Supported	NVMe/TCP, NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB, S3	

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