



# QUICK REFERENCE GUIDE

## Data Center Group (DCG) [www.lenovopartnernetwork.com/us/data-center-grg/](http://www.lenovopartnernetwork.com/us/data-center-grg/)



U.S. | January – March 2020

January (Version 1)

Lenovo 3D Product Tours → [lenovofiles.com/3dtours](http://lenovofiles.com/3dtours)

Lenovo Press Product Guides → [lenovopress.com](http://lenovopress.com)

# ThinkSystem

Different innovates better

## Servers



## Storage



## Networking



# Fast. Flexible. Reliable. Secure.

Purpose-driven innovation in server, storage and networking platforms providing solutions for the future-defined data center



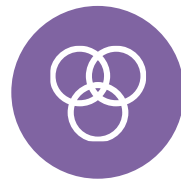
### Fast.

Fast performance for faster workload execution, faster decisions, more work running on less hardware, and potentially lower costs. Fast deployment, firmware updates, problem identification/resolution, and servicing with better tools, a unified design (on servers) and modular server designs.



### Flexible.

Open designs that easily support both traditional and next gen transformational workloads. Rich ISV partnerships and platform designs that are unburdened by legacy investments and which power intelligent transformation. A full range of platforms and form factors that easily scale and adapt to new workloads.



### Reliable.

Industry-leading reliability for higher uptime, simpler management, faster and easier servicing, lower operational costs and enhanced revenue.



### Secure.

Secure business processes, product design, and a secure E2E supply chain that build the strongest foundation of protection into the core of our infrastructure to



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**TOWERS**



**RACKS**



**STORAGE**



**NETWORKING**



**SERVICES**



# LENOVO DATA CENTER

## Single Processor Servers with Windows Preloads (Coffee Lake-E)



Top Sellers with Windows Server Preloads are easier to sell and deploy. Encourage customers to migrate now and take advantage of this great offer!



SR250

ST250

ST50



# Windows Server

7Y481000NA	<b>\$1119</b>	ST50	Win 2019 Essentials	2124G	2x 1TB HDD	ODD	8GB	250w fixed	OB
7Y45A02RNA	<b>\$1939</b>	ST250	Win 2019 STD	2136	2x 2TB HDD	ODD	8GB	250w fixed	OB
7Y45A02SNA	<b>\$2189</b>	ST250	Win 2019 STD	2174G	2x 480GB SSD	ODD	16GB	550w HS	530-8i
7Y51A04PNA	<b>\$2219</b>	SR250	Win 2019 STD	2124	2x 1TB HDD	N/A	8GB	300w fixed	OB
7Y51A04KNA	<b>\$2359</b>	SR250	Win 2019 STD	2136	2x 2TB HDD	N/A	8GB	450w HS	OB
7Y51A04LNA	<b>\$2619</b>	SR250	Win 2019 STD	2174G	2x 480GB SSD	N/A	16GB	450w HS	530-8i

\* \$100 offer is limited to new ThinkSystem 3YR warranty models only, that include Microsoft Windows Sever 2019 pre-loaded. Discount will be available in US and Canada at participating Distribution partners and valid for orders placed January 1<sup>st</sup>, 2020 through March 30, 2020. Offer may be discontinued at any time, without notice.







# LENOVO DATA CENTER

## Single Processor Entry & Mainstream Towers (Coffee Lake-E)

[ 1 OF 3 ]



### ThinkSystem ST50

- Support for new XEON E processors and DDR4 ECC memory for reliable performance
- Space Saving format and Quiet system fans for use on office floor
- Uses options common to ThinkSystem portfolio for broad service and support



[3D Tour: ThinkSystem ST50 Server](#)  
[ST50 Product Guide](#)

### ThinkSystem ST250

- Enterprise management XClarity Controller
- Physical security with Lockable Front Door and Intrusion Switch
- Up to 16x 2.5" or 8x 3.5" Hot Swap HDDs/SSDs in a 4U rackable Tower
- Redundant Power Supplies (550W)



[3D Tour: ThinkSystem ST250 Server](#)  
[ST250 Product Guide](#)

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

ST50 1P/4U (1 Yr. W)	<b>\$559</b>	<b>\$639</b>	<b>\$739</b>
	<b>7Y48A026NA</b>	<b>7Y48A028NA</b>	<b>7Y48A027NA</b>
	Xeon E-2124G 4C/3.4GHz/71W	Xeon E-2144G 4C/3.6GHz/71W	Xeon E-2176G 6C/3.7GHz/80W
	1x 8GB TruDDR4 2666MHz UDIMM (4ZC7A08696)		
	Onboard AHCI		
	3x 3.5" DC	4x 3.5" DC	
	1x 1GbE (Shared port for OS & Intel Management)		
	250W Fixed		
	HH DVD-RW	Ultra-Slim USB DVD-RW	
	Essential 1Yr 24x7 4Hr Response + YDYD: <b>5PS7A26146</b> HW Install: <b>5AS7A02045</b>   1YR ESS OS + Apps: <b>5MS7A01459</b> Win Svr'19 Essentials ROK: <b>7S05001RWW</b>		

ST250 1P/4U (1 Yr. W)	<b>\$869</b>	<b>\$1009</b>	<b>\$1119</b>
	<b>7Y45A02NNA</b>	<b>7Y45A02PNA</b>	<b>7Y45A02QNA</b>
	Xeon E-2124 4C/3.3GHz/71W	Xeon E-2136 6C/3.3GHz/80W	Xeon E2174G 4C/3.8GHz/71W
	1x 8GB TruDDR4 2666MHz UDIMM (4ZC7A08696)		
	Onboard AHCI		
	4x 3.5" HS (4M17A12788)		8x 2.5" HS (4M17A12790)
	2x 1GbE + 1x 1GbE XCC Dedicated Mgmt		
	250W Fixed	1x 550W HS (7N67A00882)	
	Optional M.2 128GB: <b>7N47A00130</b> Foundation 3Yr NBD: <b>5WS7A26456</b> HW Install: <b>5AS7A02045</b>   3YR ESS OS: <b>5MS7A01456</b> Win Svr'19 Std. 16C ROK: <b>7S050015WW</b>   5U CAL: <b>7S050027WW</b>		





# LENOVO DATA CENTER

## Dual Processor Mainstream Tower (Cascade Lake-SP)

[ 3 OF 3 ]



### ThinkSystem ST550

- Up to 20x2.5" or 8x 3.5" (+4x 2.5") Hot Swap Drive Bays support in a 4U Tower
- Enterprise management XClarity Controller included
- ST550 uses options common to ThinkSystem portfolio for broad service and support



### ThinkSystem ST550 with Intel Xeon SP Gen 2 (Cascade Lake) Processors include:

- Up to 2x 22core Intel Gen 2 Xeon Scalable Processors at 125w
- Up to 768GB TruDDR4 2933MHz memory (12x 64GB)

[3D Tour: ThinkSystem ST550 Server](#)  
[ST550 Gen 2 Product Guide](#)

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

ST550 2P/4U (3 Yr. W)

	\$1299	\$1,589	\$1,689	\$1,759	\$1,979	\$2509	\$2,579	\$3,129	
	7X10A0APNA	7X10A0BHNA	7X10A0BKNA	7X10A0AQNA	7X10A0B3NA	7X10A0B1NA	7X10A0AUNA	7X10A0AXNA	
	1x Bronze 3204 6C 85W 1.9GHz (4XG7A14813)	1x Silver 4208 8C 85W 2.1GHz (4XG7A14812)		1x Silver 4210 10C 85W 2.2GHz (4XG7A14811)		1x Silver 4216 16C 100W 2.1GHz (4XG7A14808)		1x Gold 5218 16C 125W 2.3GHz (4XG7A14805)	
	1x 16GB TruDDR4-2933MHz (4ZC7A08708)						1x 32GB TruDDR4-2933MHz (4ZC7A08709)		
	RAID 530-8i			RAID 930-8i 2GB					RAID 930-16i 4GB
	4x 3.5" HS		8x 2.5" HS	8x 3.5" HS		8x 2.5" HS	8x 3.5" HS	16x 2.5" HS	
	2x GbE + 1x GbE Mgmt (XClarity Enterprise included)								
	1x 750W HS (7N67A00883)								
	RDX Dock: 7T27A01501   LTO 7: 7T27A01503								
	Essential 3Yr 24x7x4 + YDYD: 5PS7A01720								
	Premier 3Yr 24x7x4 + YDYD: 5PS7A06899								
	HW Install: 5AS7A02045   3Yr ESS OS: 5MS7A01466								
	Win Svr'19 Std. 16C ROK: <b>7S050015WW</b>   Win Svr'19 2C Add Lic: <b>7S05002MWW</b>   5U CAL: <b>7S050027WW</b>								



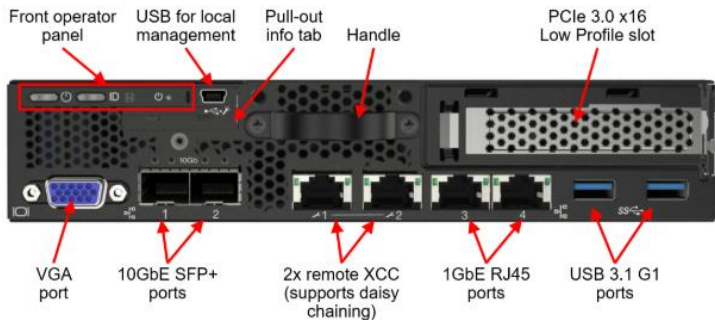




# LENOVO DATA CENTER ThinkSystem SE350 Edge/IoT Server

[1 of 1]

Lenovo



## ThinkSystem SE350 Edge/IoT Server

- Intel Xeon D SoC Processors up to 16C
- Up to 256GB of TruDIMM 2666 MHz memory
- 16TB total capacity utilizing 8x 2TB M.2 drives
- Extreme temperature tolerance with operating temperatures from 0°C (32°F) up to 55°C (131°F)
- First server in the market to include Wi-Fi and LTE
- ThinkShield activation for SED Encryption Management



\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

[SE350 Product Guide](#)

[SE350 3D Tour](#)

SE350 Edge/IoT Server (1 Yr. W)

SE350 Edge/IoT Server (1 Yr. W)

	\$1629	\$1269
	<b>7Z46A002NA (Wired)</b>	<b>7Z46A008NA (Wired)</b>
	1x Intel D-2123IT 4C 60W 2.20GHz	
	16GB TruDDR4 2666MHz (7X77A01303)	
	2x SFP+, 2x 1GbE RJ45, 2x Remote Management (XClarity Enterprise included)	
	1x 240W Power Supply (4X27A37265)	
	1x 480GB 5100 M.2 (7SD7A05703)	No M.2 Installed
	1x PCIe 3.0 x16 LP Slot, x4 M.2 bay	No Riser Cage (Upgradeable)
	PCIe Network Adapters: 4x RJ45 1GbE: 7ZT7A00484, 2x 10Gb: 7ZT7A00496, 2x 10/25GbE SFP28: 4XC7A08249	
	PCIe GPU Adapter: NVIDIA T4 16GB GPU: 4X67A14926	
	Essential 2 Yr Post Warranty 24x7 4Hr Response + YourDrive YourData (5PS7A35083)	
	Premier with Essential 2 Yr Post Warranty 24x7 4Hr Response + YourDrive YourData (5PS7A35088)	
	Locking Bezel with Dust Filter: 4M17A37599, Din Rail Kit: 4M17A37600	
	Windows Server 2019 16C Standard ROK: 7S050015WW   5U CAL: 7S050027WW	

	\$2179	\$1819
	<b>7Z46A001NA (Wireless)</b>	<b>7Z46A009NA (Wireless)</b>
	1x Intel D-2123IT 4C 60W 2.20GHz	
	16GB TruDDR4 2666MHz (7X77A01303)	
	Wi-Fi and LTE Wireless Module (including Antennae) 2x SFP+, 2x 1GbE SFP, 2x 1GbE RJ45, 1x Remote Management (XClarity Enterprise included)	
	1x 240W Power Supply (4X27A37265)	
	1x 480GB 5100 M.2 (7SD7A05703)	No M.2 Installed
	1x PCIe 3.0 x16 LP Slot, x4 M.2 bay	No Riser Cage (Upgradeable)
	PCIe Network Adapters: 4x RJ45 1GbE: 7ZT7A00484, 2x 10Gb: 7ZT7A00496, 2x 10/25GbE SFP28: 4XC7A08249	
	PCIe GPU Adapter: NVIDIA T4 16GB GPU: 4X67A14926	
	Essential 3Yr 24x7x4 + YDYD: 5PS7A34674	
	Premier 3Yr 24x7x4 + YDYD: 5PS7A34691	
	Locking Bezel with Dust Filter: 4M17A37599, Din Rail Kit: 4M17A37600	
	Windows Server 2019 16C Standard ROK: 7S050015WW   5U CAL: 7S050027WW	





# LENOVO DATA CENTER

## Single Processor Entry Intel Racks (Coffee Lake-E)

[ 1 OF 6 ]



### ThinkSystem SR250

- Short Depth 'pizza box' rack design, only 19.6"
- Hot Swap drives and redundant power supplies (450W)
- Enterprise management XClarity Controller included



- Up to 10x 2.5" or 4x 3.5" SSDs/HDDs
- Up to 3 PCIe 3.0 slots
- Support for GPU Adapters Supports ThinkSystem common options including HDD, SSD, and NVMe

[3D Tour: ThinkSystem SR250 Server](#)  
[SR250 Product Guide](#)

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

SRR250 1P/1U (3 Yr. W)

	\$999	\$1189	\$1259
	<b>7Y51A04MNA</b>	<b>7Y51A04QNA</b>	<b>7Y51A04NNA</b>
	Xeon E-2124 4C/3.3GHz/71W	Xeon E-2136 6C/3.3GHz/80W	Xeon E-2176G 6C/3.3GHz/80W
		1x 8GB TruDDR4 2666MHz UDIMM (4ZC7A08696)	
		1x SATA AHCI	
	4x 3.5"		8x 2.5"
		2x 1GbE + 1x 1GbE Dedicated XCC Mgmt	
	300W Fixed		1x 450W HS (4P57A12649)
	Essential 3Yr 24x7 4Hr Response + YDYD: 5PS7A26923		
	HW Install: 5AS7A02045   1YR ESS OS + Apps: 5MS7A01459		
	Win Svr'19 Essentials ROK: <b>7S05001RWW</b>		







# LENOVO DATA CENTER

## Single AMD Processor Mainstream Racks (Epyc Rome)

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### ThinkSystem SR635

- Latest AMD EPYC ROME processors up to 225W and 64 cores
- Up to 1TB of 3200 MHz memory
- Up to 10 2.5" drives supported

### ThinkSystem SR635



[SR635 Product Guide](#)  
[SR635 3D Tour](#)

### ThinkSystem SR655



[SR655 Product Guide](#)  
[SR655 3D Tour](#)

### ThinkSystem SR650

- Latest AMD EPYC ROME processors up to 225W and 64 cores
- Up to 1TB of 3200 MHz memory
- Up to 32x 2.5" drives supported
- Up to 10 PCIe slots and support for 6 standard-width GPUs

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

SR635 1P/1U (3 Yr. W)

<b>\$2,399</b>	<b>\$2969</b>
<b>7Y99A01ANA</b>	<b>7Y99A016NA</b>
7302P 16C 155W 3.0GHz	7402P 24C 180W 2.8GHz
16GB TruDDR4 3200MHz (4ZC7A15121)	32GB TruDDR4 3200MHz (4ZC7A15122)
1x GbE Mgmt (XClarity Enterprise included)	
1x 750W HS (7N67A00883)	
10x 2.5" Chassis (No Backplane or RAID)	
2.5" AnyBay 10-Bay Backplane Kit: 4XH7A09827	
RAID 930-8i 2GB: 7Y37A01084   930-16i 4GB: 7Y37A01085	
1Gb 4-port RJ45 OCP: 4XC7A08235   ConnectX-4 Lx 10/25GbE SFP28 2-port OCP: 7ZT7A00549	
Essential 3Yr 24x7x4 + YDYD: 5PS7A34306	
Premier 3Yr 24x7x4 + YDYD: 5PS7A34323	
HW Install: 5AS7A02045   3YR ESS OS: 5MS7A01456	
Win Svr'19 Std. 16C ROK: 7S050015WW   5U CAL: 7S050027WW	

SR655 1P/2U (3 Yr. W)

<b>\$2,359</b>	<b>\$3,049</b>
<b>7Z01A03CNA</b>	<b>7Z01A03ENA</b>
7302P 16C 155W 3.0GHz	7402P 24C 180W 2.8GHz
ThinkSystem 16GB TruDDR4 3200MHz (4ZC7A15121)	ThinkSystem 32GB TruDDR4 3200MHz (4ZC7A15122)
1x GbE Mgmt (XClarity Enterprise included)	
1x 750W HS (7N67A00883)	
24x 2.5" Chassis (No Backplane or RAID)	
2.5" 8-Bay Backplane Kit: 4XH7A09832	
930-16i 4GB: 7Y37A01085   RAID 930-24i 4GB: 7Y37A01084	
1Gb 4-port RJ45 OCP: 4XC7A08235   ConnectX-4 Lx 10/25GbE SFP28 2-port OCP: 7ZT7A00549	
Essential 3Yr 24x7x4 + YDYD: 5PS7A34674	
Premier 3Yr 24x7x4 + YDYD: 5PS7A34691	
HW Install: 5AS7A02045   3YR ESS OS: 5MS7A01456	
Win Svr'19 Std. 16C ROK: 7S050015WW   5U CAL: 7S050027WW	





# LENOVO DATA CENTER

## Dual Processor Mainstream Racks (Cascade Lake-SP)

[ 6 OF 6 ]



### ThinkSystem SR630

- Latest Intel XEON Scalable processors up to 205W and 28 cores
- Up to 6TB of memory with Intel CD Persistent Memory Modules
- Innovative LOM solution for choice of network connections

### ThinkSystem SR630



[SR630 Gen 2 Product Guide](#)  
[SR630 3D Tour](#)

### ThinkSystem SR650



[SR650 Gen 2 Product Guide](#)  
[SR650 3D Tour](#)

### ThinkSystem SR650

- Up to 2x Intel XEON Gen 2 Scalable processors up to 205W and 28 cores
- Up to 6TB of memory with Intel DC Persistent Memory
- Up to 24 NVMe drives supported
- Up to 5 NVidia T4 GPU supported
- Multiple #1 [World Record Benchmarks](#)

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

SR630 2P/1U (3YR. W)	\$1,519	\$1,869	\$2,279	\$2,659
	<b>7X02A0CENA</b>	<b>7X02A0CGNA</b>	<b>7X02A0CJNA</b>	<b>7X02A0CKNA</b>
	1x 4208 8C 85W 2.1GHz (4XG7A37936)	1x 4214 12C 85W 2.2GHz (4XG7A37930)	1x 4216 16C 100W 2.1GHz (4XG7A37924)	1x 5218 16C 125W 2.3GHz (4ZC7A08709)
	1x 16GB DDR4-2933 (4ZC7A08708)	1x 16GB DDR4-2933 (4ZC7A08708)	1x 16GB DDR4-2933 (4ZC7A08708)	1x 32GB DDR4-2933 (4ZC7A08708)
	1x GbE Mgmt (XClarity Enterprise included)			
	1x 750W HS (7N67A00883)			
	8x 2.5" Chassis (No Backplane or RAID)			
	<b>2<sup>nd</sup> CPU requires the addition of SR630 Fan Kit: 4F17A12350</b>			
	2.5" SATA/SAS 8-Bay Backplane Kit: <b>7XH7A05896</b>			
	RAID 530-8i: <b>7Y37A01082</b>   930-8i 2GB: <b>7Y37A01084</b>			
	1Gb 2-port RJ45 LOM: <b>7ZT7A00544</b>   10Gb 4-port Base-T LOM: <b>7ZT7A00549</b>			
	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A01504</b>			
Premier 3Yr 24x7x4 + YDYD: <b>5PS7A06895</b>				
HW Install: <b>5AS7A02045</b>   3YR ESS OS: <b>5MS7A01466</b>				
Win Svr'19 Std. 16C ROK: <b>7S050015WW</b>   5U CAL: <b>7S050027WW</b>				

SR650 2P/2U (3YR. W)	\$1,639	\$2,039	\$2,419	\$2,919
	<b>7X06A0FHNA</b>	<b>7X06A0FENA</b>	<b>7X06A0FKNA</b>	<b>7X06A0FLNA</b>
	1x 4208 8C 85W 2.1GHz (4XG7A37935)	1x 4214 12C 85W 2.2GHz (4XG7A37929)	1x 4216 16C 100W 2.1GHz (4XG7A37923)	1x 5218 16C 125W 2.3GHz (4XG7A37895)
	1x 16GB DDR4-2933 (4ZC7A08708)		1x 32GB DDR4-2933 (4ZC7A08708)	
	1x GbE Mgmt (XClarity Enterprise included)			
	1x 750W HS (7N67A00883)			
	24x 2.5" Chassis (No Backplane or RAID)			
	<b>2<sup>nd</sup> CPU requires the addition of SR650 Fan Kit: 4F17A12349</b>			
	2.5" SATA/SAS 8-Bay Backplane Kit: <b>7XH7A06254</b>			
	RAID 930-8i 2GB: <b>7Y37A01084</b>   930-16i 4GB: <b>7Y37A01085</b>   930-24i 4GB: <b>7Y37A01086</b>			
	1Gb 4-port RJ45 LOM: <b>7ZT7A00545</b>   10Gb 4-port SFP+ LOM: <b>7ZT7A00547</b>			
	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A01558</b>			
Premier 3Yr 24x7x4 + YDYD: <b>5PS7A06897</b>				
HW Install: <b>5AS7A02045</b>   3YR ESS OS: <b>5MS7A01466</b>				
Win Svr'19 Std. 16C ROK: <b>7S050015WW</b>   5U CAL: <b>7S050027WW</b>				







# LENOVO DATA CENTER

## ThinkSystem DE Series SAN Hybrid Flash Array and Expansion Enclosure

[ 1 OF 2 ]

Lenovo

### ThinkSystem DE2000H

#### Simplify Your Data Center

1. Fast deployment in under 10 minutes with on-box management tools
2. XClarity integration for total solution management
3. Modular design allows for easy expansion up to 1.47PB

#### Flexible For Changing Business Needs

1. Extensive performance and expansion options to meet business demands
2. Multiple connectivity options simplifies integration into existing environments

### Lenovo Storage DE2000H LFF



### Lenovo Storage DE2000H SFF



- DE2000H Controllers support up to 96 disks -- entry-level family for customers who want to maximize price/performance ratio
- Up to 100K IOPs

[DE2000H Product Guide](#) [Lenovo Storage Sizing Tool](#)

[DE2000H 3D Tour](#)

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

DE2000H 2U (3YR. W)

	\$4,719	\$4,929	\$4,569	\$4,779
	<b>7Y70A000WW</b>	<b>7Y70A003WW</b>	<b>7Y71A000WW</b>	<b>7Y71A002WW</b>
	LFF SAS Hybrid Flash Array	LFF 10Base T Hybrid Flash Array	SFF SAS Hybrid Flash Array	SFF 10Base T Hybrid Flash Array
	12 x 3.5" HS SAS HDD/SSD	12 x 3.5" HS SAS HDD/SSD	24 x 2.5" HS SAS HDD/SSD	24 x 2.5" HS SAS HDD/SSD
	16GB (8GB per controller)	16GB (8GB per controller)	16GB (8GB per controller)	16GB (8GB per controller)
	2 Host Ports per controller	2 Host Ports per controller	2 Host Ports per Controller	2 Host Ports per Controller
	12Gb SAS	10Gb iSCSI Base Ports/RJ-45 HIC	12Gb SAS	10Gb iSCSI Base Ports/RJ-45 HIC
	4 Enclosure System	4 Enclosure System	4 Enclosure System	4 Enclosure System
	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A21440</b>	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A21440</b>	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A20878</b>	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A20878</b>
	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A21506</b>	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A21506</b>	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A20940</b>	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A20940</b>
	HW Install: <b>5AS7A02067</b>	HW Install: <b>5AS7A02067</b>	HW Install: <b>5AS7A02067</b>	HW Install: <b>5AS7A02067</b>





# LENOVO DATA CENTER

## ThinkSystem DE Series SAN Hybrid Flash Array and Expansion Enclosure

[ 2 OF 2 ]



### ThinkSystem DE4000H

#### Simplify Your Data Center

1. Fast deployment in under 10 minutes with on-box management tools
2. XClarity integration for total solution management
3. Modular design allows for easy expansion up to 2.3PB

#### Flexible For Changing Business Needs

1. Extensive performance and expansion options to meet business demands
2. Multiple connectivity options simplifies integration into existing environments

### Lenovo Storage DE4000H LFF



### Lenovo Storage DE4000H SFF



[DE4000H Product Guide](#) [Lenovo Storage Sizing Tool](#)

[DE4000H 3D Tour](#)

- DE4000H Controllers support up to 192 disks -- utilize either hybrid or all flash to optimize performance for mixed workloads with low-latency
- Up to 300K IOPs

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

DE4000H 2U (3YR. W)

	\$6,049	\$6,049	\$4,569	\$4,779
	<b>7Y74A000WW</b>	<b>7Y74A001WW</b>	<b>7Y71A000WW</b>	<b>7Y71A002WW</b>
	LFF SAS Hybrid Flash Array	LFF FC Hybrid Flash Array	SFF SAS Hybrid Flash Array	SFF FC Hybrid Flash Array
	12 x 3.5" HS SAS HDD/SSD	12 x 3.5" HS SAS HDD/SSD	24 x 2.5" HS SAS HDD/SSD	24 x 2.5" HS SAS HDD/SSD
	16GB (8GB per controller)	16GB (8GB per controller)	16GB (8GB per controller)	16GB (8GB per controller)
	4 Host Ports per controller	4 Host Ports per controller	4 Host Ports per Controller	4 Host Ports per Controller
	12Gb SAS	10Gb iSCSI or 8/16Gb FC	12Gb SAS	10Gb iSCSI or 8/16Gb FC
	8 Enclosure System	8 Enclosure System	8 Enclosure System	8 Enclosure System
	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22549</b>	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22549</b>	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22549</b>	Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22549</b>
	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22619</b>	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22619</b>	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22619</b>	Premier with Essential 3Yr 24x7x4 + YDYD: <b>5PS7A22619</b>
	HW Install: <b>5AS7A02067</b>	HW Install: <b>5AS7A02067</b>	HW Install: <b>5AS7A02067</b>	HW Install: <b>5AS7A02067</b>







# LENOVO DATA CENTER

## ThinkSystem DM Series Unified Storage Arrays with ONTAP Fundamentals

[ 1 OF 1 ]

### ThinkSystem DM Storage Controllers with ONTAP Fundamentals

#### Modernize Your Datacenter and Accelerate Business

1. Data reduction without sacrificing performance
2. Unified Architecture reduces hardware requirements by 50%
3. Deploy key workloads like database, Microsoft solutions and file services < 10 minutes

#### Flexibility For Dynamic Business Environment

1. Protect data with Asynchronous Replication, Snapshots and SnapRestore
2. Migrate data and create Disaster Recovery sites in the cloud and tier cold data to AWS, Azure, Google Cloud and AliCloud using FabricPool
3. Modular design allows for easy expansion up to 84 drives

Pricing below is estimated end street pricing after promotions are applied.  
Contact your Authorized Lenovo Partner for an official pricing quote.

### Lenovo DM Series Storage Array with ONTAP Fundamentals



[DM Series 3D Tour](#)  
[DM Lenovo Press](#)

ThinkSystem DM

	<b>\$17,819</b>	<b>\$29,539</b>	<b>\$32,699</b>
	<b>DM3000H: 7Y421009NA</b>	<b>DM5000H: 7Y571010NA</b>	<b>DM5000H: 7Y571011NA</b>
	<b>(Required) Foundation Service 3yr NBD: 5WS7A50267</b>	<b>(Required) Essential Service 3yr 24x7x4: 5WS7A51093</b>	<b>(Required) Essential Service 3yr 24x7x4: 5WS7A51093</b>
	<b>\$1,629</b>	<b>\$1,629</b>	<b>\$1,629</b>
	<b>(Required) Foundation 3yr 48TB Pack: 5WS7A50707</b>	<b>(Required) Essential Service 24x7x4 43TB Pack: 5WS7A51453</b>	<b>(Required) Essential Service 24x7x4 12TB Pack: 5WS7A51213</b>
	<b>\$1,329</b>	<b>\$2,969</b>	<b>\$2,809</b>
	ThinkSystem DM3000H Storage Array	ThinkSystem DM5000H Storage Array	ThinkSystem DM5000H Storage Array
	12 x 4TB 3.5" NLSAS HDD Included	24 x 1.8TB 2.5" SAS 10K HDD Included	12 x 960GB SSD Included
	2TB NVMe Cache	2TB NVMe Cache	2TB NVMe Cache
	2 x 16Gb FC/10Gb Opt Controllers	2 x 16Gb FC/10Gb Opt Controllers	2 x 16Gb FC/10Gb Opt Controllers
	2U Form Factor	2U Form Factor	2U Form Factor
	ONTAP 9.5 SW Fundamentals & Encryption	ONTAP 9.5 SW Fundamentals & Encryption	ONTAP 9.5 SW Fundamentals & Encryption





# LENOVO DATA CENTER Network Switches - Top of Rack Switches

[ 1 OF 2 ]



## Lenovo ThinkSystem RackSwitches

- Enterprise-class top-of-rack switches with speeds ranging from 1Gbps to 100Gbps
- Lenovo Cloud NOS (CNOS) provides cloud-rich features and integrates easily with Lenovo ThinkAgile HX & VX solutions, as well as DevOps solutions utilizing Chef, Puppet, and Ansible
- Industry-leading standard three-year next business day warranty

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

### Lenovo ThinkSystem NE1052T RackSwitch



[NE1052T Product Guide](#)

NE1052T 1U (3YR. W)	<b>\$3209</b>
	<b>7Y810011WW</b> (R-F Airflow)
	48x 1GBase-T & 4x 10GbE SFP+
	Layer 2 & 3 Networking
	Lenovo Cloud NOS
	2x 150W Redundant HS PSUs
	3x Hot Swap Fans
	Essential 3Yr 24x7x4: <b>5WS7A29960</b>
	HW Install: <b>5AS7A02071</b>

### Lenovo ThinkSystem NE1032 RackSwitch



[NE1032 Product Guide](#)

NE1032 / NE1032T 1U (3YR. W)	<b>\$6099</b>
	<b>7159A1X</b> (R-F Airflow) <b>7159A2X</b> (F-R Airflow)
	32x 10GbE SFP+
	Layer 2 & 3 Networking
	Lenovo Cloud NOS
	2x 770W Redundant HS PSUs
	3x Hot Swap Fans
	Essential 3Yr 24x7x4: <b>5WS7A00857</b> (R-F) <b>5WS7A00899</b> (F-R)
	HW Install: <b>5AS7A02071</b>

[NE1032 3D Tour](#)

G8272 / NE1072T 1U (3YR. W)	<b>\$7,548</b>
	<b>7159B1X</b> (R-F Airflow) <b>7159B2X</b> (F-R Airflow)
	24x 10GBase-T & 8x 10GbE SFP+
	Layer 2 & 3 Networking
	Lenovo Cloud NOS
	2x 770W Redundant HS PSUs
	3x Hot Swap Fans
	Essential 3Yr 24x7x4: <b>5WS7A00941</b> (R-F) <b>5WS7A00983</b> (F-R)
	HW Install: <b>5AS7A02071</b>

### Lenovo ThinkSystem NE1072T RackSwitch



[NE1072T Product Guide](#)

G8272 / NE1072T 1U (3YR. W)	<b>\$8,299</b>
	<b>7159CRW</b> (R-F Airflow) <b>7159CFV</b> (F-R Airflow)
	48x 10GbE SFP+ & 6x 40GbE QSFP+
	Layer 2 & 3 Networking
	Lenovo Cloud NOS
	2x 460W Redundant HS PSUs
	4x Hot Swap Fans
	Essential 3Yr 24x7x4: <b>00WW776</b>
	HW Install: <b>5AS7A02071</b>

[NE1072T 3D Tour](#)

G8272 / NE1072T 1U (3YR. W)	<b>\$11479</b>
	<b>7159C1X</b> (R-F Airflow) <b>7159C2X</b> (F-R Airflow)
	48x 10GBase-T & 6x 40GbE QSFP+
	Layer 2 & 3 Networking
	Lenovo Cloud NOS
	2x 770W Redundant HS PSUs
	5x Hot Swap Fans
	Essential 3Yr 24x7x4: <b>5WS7A01025</b> (R-F) <b>5WS7A01067</b> (F-R)
	HW Install: <b>5AS7A02071</b>







# LENOVO DATA CENTER Network Switches - Campus Switches

[ 2 OF 2 ]

## Lenovo CE-Series Campus Ethernet Switches

- Available in both 24 port and 48 port sizes, with or without PoE/PoE+ support
- Easy-to-use Web-based GUI, but also features CLI with industry-standard commands for advanced administration
- Advanced Layer 3 switching including dynamic routing protocol support for RIP, OSPF, and DVMRP included at no additional cost
- Stackable up to 8 switches

\*Pricing below is estimated end street pricing after promotions are applied. Contact your Authorized Lenovo Partner for an official pricing quote.

### Lenovo CE0128PB/TB Switch



### Lenovo CE0152PB/TB Switch



[Campus Switches 3D Tour](#)

[CE0152TB Product Guide](#)

[CE0128TB Product Guide](#)

[CE0152PB Product Guide](#)

[CE0128PB Product Guide](#)

CE0128TB / CE0152TB 1U (LLW)

<b>\$819</b>	<b>\$1,229</b>
<b>7Z360011WW</b>	<b>7Z370021WW</b>
24x 1GBase-T & 4x 10GbE SFP+	48x 1GBase-T & 4x 10GbE SFP+
Layer 2 & 3 Networking	
Lenovo Campus NOS with Web GUI	
30W Fixed PSU	60W Fixed PSU
2x Fixed Variable-speed Fans (L-R Airflow)	
Includes Limited Lifetime Warranty (LLW) HW Install: <b>5AS7A02071</b>	

<b>\$1,069</b>	<b>\$1,509</b>
<b>7Z360012WW</b>	<b>7Z370022WW</b>
24x 1GBase-T with PoE/PoE+ & 4x 10GbE SFP+	48x 1GBase-T with PoE/PoE+ & 4x 10GbE SFP+
Layer 2 & 3 Networking	
Lenovo Campus NOS with Web GUI	
260W Fixed PSU 185W Total PoE/PoE+ Budget	460W Fixed PSU 370W Total PoE/PoE+ Budget
3x Fixed Variable-speed Fans (L-R Airflow)	
Includes Limited Lifetime Warranty (LLW) HW Install: <b>5AS7A02071</b>	





# THANK YOU

DAKUJEM DANK BEDANKT MERCI TAKK 谢谢  
ありがとう СПАСИБО GRACIAS DZIĘKUJĘ DANKE  
OBRIGADO БЛАГОДАРЯ GRAZIE תודה GRACIAS

