



Hewlett Packard
Enterprise

ProLiant DX Gen10 Plus Details



日本ヒューレット・パカード合同会社
2022年 8月

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- HPE 社内利用
- HPE チャンネルパートナー様の社内利用

発売前製品に関してはスケジュールの遅延の可能性がございますため、あらかじめご了承ください

HPE ProLiant DX Series

Gen10 Plus (Intel & AMD)



Hewlett Packard
Enterprise

NUTANIXTM

Team DX Product Management


Nutanix Sales, Partners & Customers, October-2021

HPE ProLiant DX Family




Choice of 14 Models


Multi-Node Systems
DX170 & DX190




Rack-Optimized Servers
DX360 & DX380




Quad-Socket DX560 Storage Dense DX4200



Tactical & Edge
Edgeline DX8000



AMD Servers
DX325 & DX385



Choice of Components

CPU

- 1, 2 & 4-Sockets
- 50+ Intel Options
- 10+ AMD Options

Read Intensive •
Mixed Use •
SAS • **Flash**
NVMe •
1.92T – 7.68T •

HDD

- SFF: 2T & 2.4T
- LFF: 4T - 16T

1 GbE •
10 GbE •
25 GbE • **NIC**
100 GbE •

GPU

- T4
- A-series

Software Experience

Hypervisor Choice

Nutanix AHV,
VMware vSphere

1-click Upgrades

Nutanix-certified Firmware,
Prism/LCM FW management,
Full HW lifecycle management

Secure

HPE Silicon Root of Trust,
UEFI & Secure Boot Ready

Easy Setup

Factory Installed Software,
Tuned Platform Settings.

Buying Experience

Sizer

Guided sizing with BOMs,
Integrated Power Advisor

Flexible Consumption

HW CapEx + SW Subscription,
HPE GreenLake + Single Support

Simpler Ordering

Curated Options,
Bundled HW Support,
Competitive Pricing

Faster Availability


Regional Manufacturing,
Distributor-stocked in US





Introducing
Gen10 Plus

HPE Generation Branding



HPE ProLiant Generation	Intel Processor Generation	AMD Processor Generation	Notes
Generation 10	Sky Lake (SLX)	-	Pre-partnership HFCL-based support
Generation 10	Cascade Lake (CLX) & Cascade Lake Refresh (CLR)	-	Original DX offering
Generation 10 Plus	Ice Lake (ICX)	7002 Series (Rome)	Launched Q4 CY21
Generation 10 Plus v2	-	7003 Series (Milan)	
Generation 11	Sapphire Rapids (SPR)	Code name: Genoa	Future 1H CY23

Key Drivers for CY21 Platform Refresh

Industry Evolution

- Intel Ice Lake Refresh
 - 40c per socket, [46% faster vs. Cascade Lake](#)
- AMD Milan Refresh
 - 64c per socket, [19% faster vs. Rome](#)
- 8-channel memory @ 3200MHz
 - 2 DIMMs per channel
 - Intel Optane Persistent Memory
- PCIe Gen4 Motherboard
 - 2x faster components (HBA, NIC etc).
- Tri-mode controllers
 - Faster 24G vs. older 12G SAS disks
 - Flexible; any SFF slot supports NVMe
 - NVMe serviceability parity with SAS/SATA

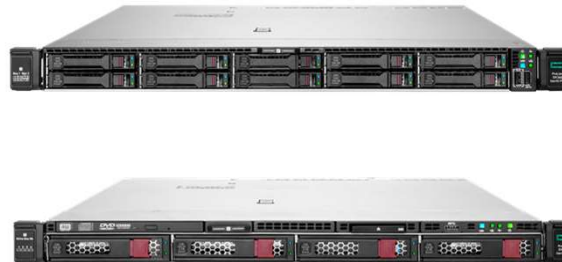
Nutanix Platform Revolution

- Extreme platform configurability
 - Ubiquitous 1-socket options (4 → 8)
 - Broader NVMe support (4 → 8)
 - GPU everywhere (2 → 12)
- Broader 1-node choices
- UEFI only. Secure Boot Ready
- Software version choice at factory

HPE Progression

- Mirrored Boot Disks (bundled)
- Self-encrypting Disks (SSD, HDD)

HPE ProLiant DX Gen10 Plus Family



2U, 4-blade, 2-socket
DX2600 w/DX220r

1U, 4 - 10 disks
DX325 & DX360

2U, 8 - 24 disks
DX380 & DX385

← Higher Density

ROBO, Balanced Compute/Storage
Higher Performance →

Intel Xeon SP Ice Lake,
AMD EPYC 7003 Series

Nutanix AHV,
VMware vSphere

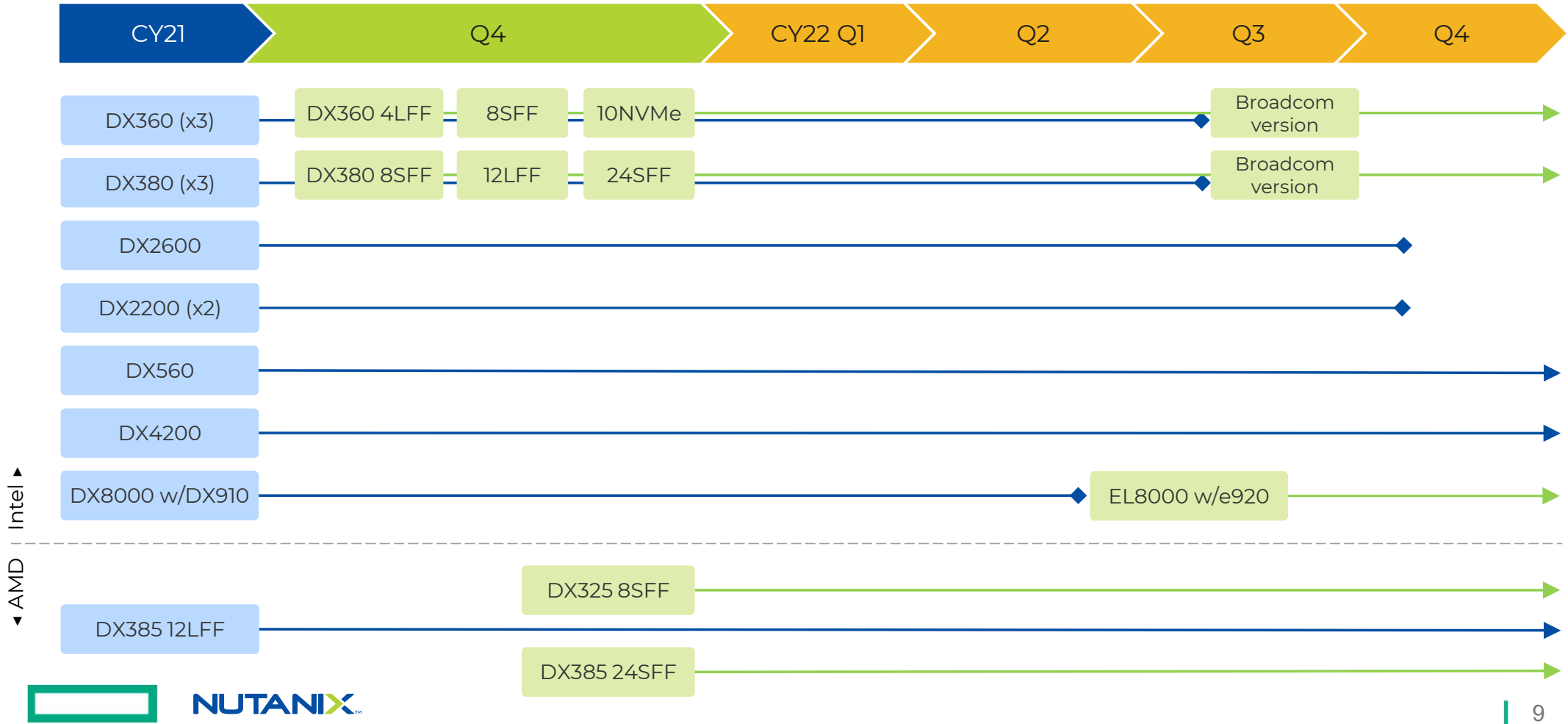
Hybrid,
All-Flash,
NVMe



HPE ProLiant DX Gen10 Plus / v2 Refresh

G10

G10 Plus / v2



Important Dates

			Sizer	Quotable	Shipping	Notes
	DX360 4LFF	Gen 10 Plus	Now	Now	Now	-
	DX360 8SFF	Gen 10 Plus	Now	Now	Now	-
	DX360 10NVMe	Gen 10 Plus	Now	Now	Now	-
	DX380 8SFF	Gen 10 Plus	Now	Now	Now	-
	DX380 12LFF	Gen 10 Plus	Now	Now	Now	-
	DX380 24SFF	Gen 10 Plus	Now	Now	Now	-
	DX2600 w/DX220n	Gen 10 Plus	-	-	-	Cancelled. Contact #hpe-dx-sales
Intel	EL8000 w/e920	Gen 10 Plus	Now	Now	Now	-
AMD	DX325 8SFF	Gen 10 Plus v2	Now	Now	Now	-
	DX385 12LFF	Gen 10 Plus	Now	Now	Now	-
	DX385 24SFF	Gen 10 Plus v2	Now	Now	Now	-

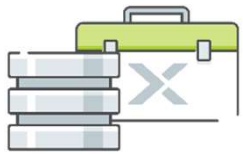


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Platform Positioning

The background of the slide features a complex, glowing blue network visualization. At the center is a bright, spherical cluster of nodes, from which a dense web of thin, light-blue lines radiates outwards, connecting to a larger, more dispersed set of nodes. Some nodes are highlighted in a slightly different shade of blue or purple. The overall effect is that of a digital or data network. The background is a dark, deep blue, peppered with small, out-of-focus light blue and white particles, giving it a sense of depth and a futuristic, technological atmosphere.

Target Workloads and Use Cases



Business Critical Applications



VDI



Remote and Branch Office



Messaging, Collaboration and UC



Dev/Test



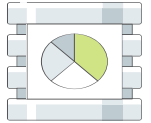
Big Data



Server Virtualization & Private Cloud



Workload Characteristics Drive Choice

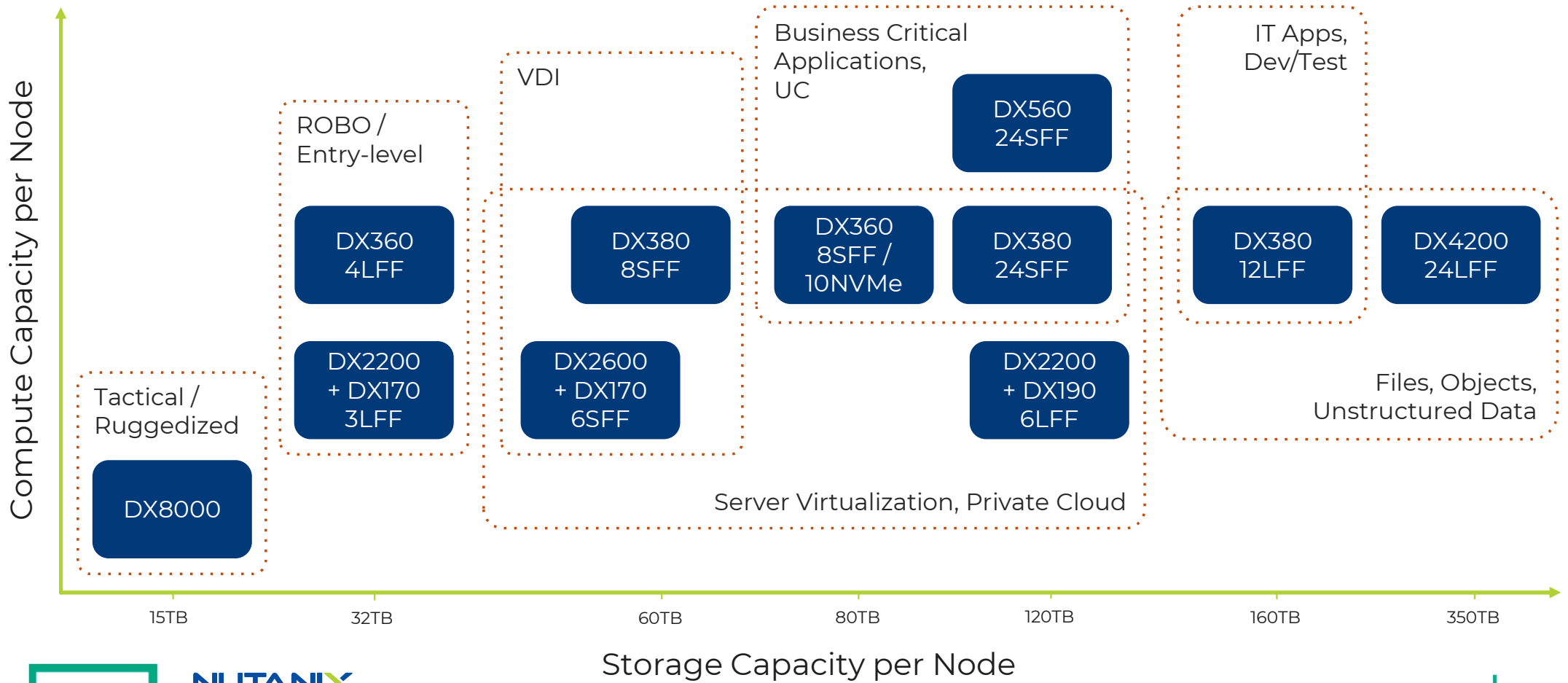


	ROBO Entry-level	VDI	Server Virtualization, Private Cloud	IT Apps, Dev/Test	Business Critical Applications, UC	Files, Objects, Unstructured Data
User Needs	Cost-effective Small form-factor Simple to manage	Compute resources Rich Media Support	Compute / Storage Density	Fast storage for hot data	Latency-sensitive applications	Fast Cache for Hot Data Cheap & Deep Storage
Technical Needs	Entry-level high density systems	Compute-density GPU HDD tier for deep capacity	High core-counts Balanced	User-specific requirements Large capacity tier with enough flash to handle frequent disk IO.	All-flash / NVMe Platinum CPUs Maximum memory.	Adequate Flash Tier Capacity for long term storage
Leading Choices	DX360 4LFF DX2200 w/DX170	DX380 8SFF DX2200 w/DX190	DX2600 w/DX220 DX360 8SFF	DX380 12LFF	DX380 24SFF DX560 24SFF	DX380 12LFF DX4200 24LFF



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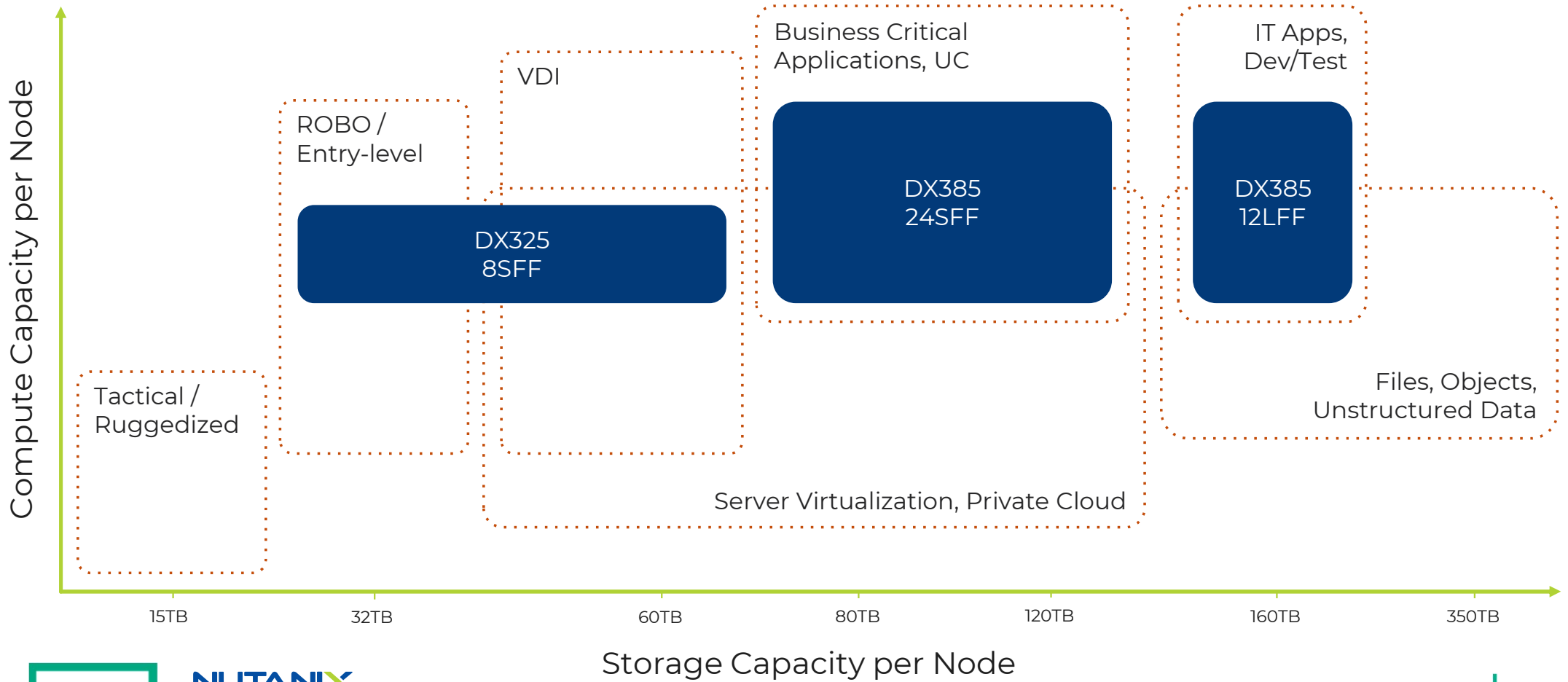
Target Workloads & Positioning - Intel



Storage Capacity per Node
 Note: Only platforms with Intel-based CPUs shown above



Target Workloads & Positioning - AMD



Storage Capacity per Node
Note: Only platforms with AMD-based CPUs shown above



Specifications

HPE DX300 Gen10 Plus Family



DX325 / DX360 8SFF / 10NVMe



DX360 4LFF



DX325 / DX360 Rear Common



DX380 / DX385 8SFF / 24SFF



DX380 / DX385 12LFF



DX380 / DX385 Rear Common



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Form-Factor Comparison

Form-factor	5U4N (Blades)	1U	2U
Models	EL8000	DX325 (AMD) DX360 (Intel)	DX380 (Intel) DX385 (AMD)
Great for	ROBO, Edge	ROBO, VDI, Balanced compute-storage.	Databases, Storage-dense, High-performance.
Cluster Size	3+	1, 2 or 3+	1 or 3+
Strengths	<ul style="list-style-type: none"> Optimized for Size, Weight & Power More durable for placement at the edge 	<ul style="list-style-type: none"> Space optimized for popular uses cases. 	<ul style="list-style-type: none"> Highest PCIe slot counts maximize NIC or GPUs.
CPU range	<ul style="list-style-type: none"> 1-socket Intel only. 	<ul style="list-style-type: none"> All CPU choices. 1-socket or 2-socket. Intel or AMD. 	<ul style="list-style-type: none"> All CPU choices. 1-socket or 2-socket. Intel or AMD.
Memory slots	Up to 12x / socket	Up to 16x / socket	Up to 16x / socket
Disk counts per server	7	4 to 10	8 to 24
NVMe support	Yes	Yes	Yes
NIC slots	2	<= 4	<= 8
GPU slots	1 (T4 only)	<= 2 (T4 only)	<= 7 (T4) <= 3 (A-series)



Deployment Options

Form-factor	Gen10 Plus Platforms	1-node Cluster	2-node Cluster	Single-node Replication Target (SNRT)	3+ node Cluster
1U	<ul style="list-style-type: none"> DX360 4LFF 	Yes	Yes	-	Yes
1U	<ul style="list-style-type: none"> DX325 8SFF DX360 8SFF DX360 10NVMe 	Yes	-	-	Yes
2U	<ul style="list-style-type: none"> DX380 8SFF DX380 24SFF DX385 24SFF 	Yes	-	-	Yes
2U	<ul style="list-style-type: none"> DX380 12LFF DX385 12LFF 	Yes	-	Yes	Yes
Multi-node / Blades	<ul style="list-style-type: none"> EL8000 w/e920 	-	-	-	Yes



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Note: Use 2-node clusters as the last resort. Extended downtime for node replacement & FW/SW upgrades times significantly undermine user experience. Consider other options such as 1-socket 3-node clusters.

Gen10 Plus Model Comparison

	DX360			DX380			DX325	DX385	DX385	
Variant	4LFF	8SFF	10NVMe	8SFF	12LFF	24SFF	8SFF	12LFF	24SFF	e920
Branding							G10 Plus v2	G10 Plus	G10 Plus v2	-
Form-factor	1U			2U			1U	2U	2U	5U4N
Processor							AMD 7003 Milan	AMD 7002 Rome	AMD 7003 Milan	Intel Ice Lake
Socket-count	1x - 2x	1x - 2x	2x	2x	1x - 2x	1x - 2x	1x	1x - 2x	1x - 2x	1x
DIMMs / socket [16G, 32G, 64G, 128G]	6x, 8x, 12x, 16x									
HBA Count	1	1	0	1	2	3	1	2	3	0
NVMe Support	No	<= 2	<= 10	<= 8	No	<= 8	<= 8	No	<= 8	<=7
GPU Support	T4 only			All			T4 only	All	All	T4
OCP NIC Slot	1	1	1	1	1	1	1	1	1	1
PCIe NICs (1-socket)	2	2	NA	2	1	0	2	1	0	1
PCIe NICs (2-socket)	3	3	3	7	6	5	NA	6	5	NA
Mirrored Boot Disk	Optional									NA

Socket Options By Platform

Model	Chassis	CPU Model	Sockets	Notes
DX325	8 SFF	AMD Milan	1	Motherboard only has 1-socket.
DX360	4 LFF	Intel Ice Lake	1 or 2	-
DX360	8 SFF	Intel Ice Lake	1 or 2	-
DX360	10 NVMe	Intel Ice Lake	2	4 (of 10) NVMe disks are connected to the second socket. Removing a CPU will impact disk count.
DX380	8 SFF	Intel Ice Lake	2	Higher GPU counts require 2-sockets.
DX380	12 LFF	Intel Ice Lake	1 or 2	-
DX380	24 SFF	Intel Ice Lake	1 or 2	1-socket limits to 1x NIC.
DX385	12 LFF	AMD Rome	1 or 2	Designed for HDDs, the platform will stay on cost-effective Rome CPUs.
DX385	24 SFF	AMD Milan	1 or 2	1-socket limits to 1x NIC.
DX2600 (4-node)	24 SFF	Intel Ice Lake	2	Due to the motherboard layout, 2-sockets are required to connect PCIe devices.
EL8000 (4-node)	24 NVMe	Intel Ice Lake	1	Node motherboard only has 1-socket.

New 1-socket Options

- 8 platform options with 1-socket support.
 - Growing core counts on both Intel & AMD processors.
 - Lower power consumption.
- Position for -
 - Optimizing socket-based licensing for 3rd party software (e.g. Oracle, VMware).
 - Optimizing cost on storage-only AHV nodes.
 - Avoiding NUMA performance hit – IO and Memory.
 - ROBO option with 8SFF.
- Disadvantages (and hard limits) -
 - 1-socket configurations reduce the PCIe slot counts. Platforms are limited to 1x or 2x NIC.
 - Cannot be upgraded to 2-socket. Very error-prone & for operational limitations.



Xeon 3rd Gen. SP (Ice Lake) CPUs

Platinum	Cores	Frequency	Power	DX300	e920
8380	40	2.3 GHz	270W	■	■
8368	38	2.4 GHz	270W	■	■
8362	32	2.8 GHz	265W	■	
8360Y	36	2.4 GHz	250W	■	
8358/P	32	2.6 GHz	250W	■	
8352M	32	2.3 GHz	185W	■	
8352Y/S	32	2.2 GHz	205W	■	
8352V	36	2.1 GHz	195W	■	■
8351N	36	2.4 GHz	225W		■
Gold					
6354	18	3.0 GHz	205W	■	
6348	28	2.6 GHz	235W	■	
6346	16	3.1 GHz	205W	■	■
6342	24	2.8 GHz	220W	■	
6338T	24	2.1 GHz	165W		■
6338N	32	2.2 GHz	185W		■
6338	32	2.0 GHz	205W	■	
6336Y	24	2.4 GHz	185W	■	■

Gold	Cores	Frequency	Power	DX300	e920
6334	8	3.6 GHz	165W	■	■
6330N	28	2.2 GHz	165W		■
6330	28	2.0 GHz	205W	■	■
6326	16	2.9 GHz	185W	■	
6314U	32	2.3 GHz	205W	■	■
6312U	24	2.4 GHz	185W	■	■
5320T	20	2.3 GHz	150W		■
5320	26	2.2 GHz	185W	■	
5318Y/S	24	2.1 GHz	165W	■	
5318N	24	2.1 GHz	150W		■
5317	12	3.0 GHz	150W	■	
5315Y	8	3.2 GHz	150W	■	■
Silver					
4316	20	2.3 GHz	150W	■	
4314	16	2.4 GHz	135W	■	
4310	12	2.1 GHz	120W	■	■
4309Y	8	2.8 GHz	105W	■	■



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AMD EPYC 7003 Series (Milan) CPUs

Model	Cores	Frequency	Power	DX325	DX385 24SFF
7773X	64	2.2 GHz	280W	🕒	🕒
7763	64	2.45 GHz	280W	■	■
7713/P	64	2.0 GHz	225W	■	■
7663	56	2.0 GHz	240W	■	■
7643	48	2.3 GHz	225W	■	■
75F3	32	2.95 GHz	280W	■	■
7573X	32	2.8 GHz	280W	🕒	🕒
7543/P	32	2.8 GHz	225W	■	■
7513	32	2.6 GHz	200W	■	■

Model	Cores	Frequency	Power	DX325	DX385 24SFF
7453	28	2.75 GHz	225W	■	■
74F3	24	3.2 GHz	240W	■	■
7473X	24	2.8 GHz	240W	🕒	-
7443/P	24	2.85 GHz	200W	■	■
7413	24	2.65 GHz	180W	■	■
73F3	16	3.5 GHz	240W	■	■
7373X	16	3.05 GHz	240W	🕒	-
7343	16	3.2 GHz	190W	■	■
7313/P	16	3.0 GHz	155W	■	■
72F3	8	3.7 GHz	180W	■	■



AMD EPYC 7002 Series (Rome) CPUs

Model	Cores	Frequency	Boost	Power	DX385 12LFF	Model	Cores	Frequency	Boost	Power	DX385 12LFF
7742	64	2.25 GHz	3.4 GHz	225W	■	7F72	24	3.2 GHz	3.7 GHz	240W	■
7702	64	2.0 GHz	3.35 GHz	200W		7402	24	2.8 GHz	3.35 GHz	180W	■
7662	64	2.0 GHz	3.3 GHz	225W		7352	24	2.3 GHz	3.2 GHz	155W	■
7642	48	2.3 GHz	3.3 GHz	225W	■	7F52	16	3.5 GHz	3.9 GHz	240W	■
7552	48	2.2 GHz	3.3 GHz	200W	■	7302	16	3.0 GHz	3.3 GHz	155W	■
						7282	16	2.8 GHz	3.2 GHz	120W	■
7542	32	2.9 GHz	3.4 GHz	225W	■	7272	12	2.9 GHz	3.2 GHz	120W	■
7532	32	2.4 GHz	3.3 GHz	200W		7F32	8	3.7 GHz	3.9 GHz	180W	■
7502	32	2.5 GHz	3.35 GHz	180W	■	7262	8	3.2 GHz	3.4 GHz	155W	■
7452	32	2.35 GHz	3.35 GHz	155W	■	7252	8	3.1 GHz	3.2 GHz	120W	■



Memory Options

- 8x channels with 2 DPC for up to 2T memory per socket.
- Intel Optane Persistent Memory Mode to follow in Q4 CY21
- DIMM blanks are automatically selected (under some conditions) for optimal airflow.

	G10	G10 Plus	Notes
DIMM Capacities	16G, 32G, 64G, 128G		
DIMM Frequency	2933 MHz	3200 MHz	
Channels per socket	6	8	
DIMMs per channel (DPC)	2	2	
Total DIMM slots per socket	12	16	DX2600 is limited by blade real-estate, and limits to 8x physical slots per socket.
Counts supported per socket	4x, 6x, 8x, 12x	6x, 8x, 12x, 16x	On G10 Plus, the memory bandwidth is as follows - <ul style="list-style-type: none"> - 8x/16x offers 100%. - 6x/12x offers 75%. - 4x offers only 50%. Quotable but avoid. - 2x offers only 25%. Not supported.



Intel Optane Persistent Memory

- Intel Optane Persistent Memory (PMEM) 200 Series (Barlow Pass)
- Memory Mode = Cost-effective main memory capacity
 - Uses regular DRAM as a cache tier.
 - Expect higher memory latency. Workload dependent.
 - Recommended for VDI workloads only (initially)
- Supported on all Intel-based platforms -
 - DX360 Gen10 Plus (4LFF, 8SFF, 10NVMe)
 - DX380 Gen10 Plus (8SFF, 12LFF, 24SFF)
- Supported memory combinations -
 - Requires a 2-socket configuration

DRAM Tier	PMEM Tier	Capacity for OS	Availability
16x 16G	8x 128G	1T	Live
16x 32G	16x 128G	2T	Contact us

Note: Other combinations may be viable; contact the product team.



Media Options By Platform

Model	Chassis	HBAs	Hybrid	All-Flash SSD	All-Flash w/NVMe	All-NVMe
DX325	8 SFF	1	2x SSD + (4 - 6)x HDD	(2 - 8)x	(2 - 4)x NVMe + (2 - 6)x SSD	(2 - 8)x
DX360	4 LFF	1	2x SSD + 2x HDD	(2 - 4)x	-	-
DX360	8 SFF	1	2x SSD + (4 - 6)x HDD	(2 - 8)x	-	-
DX360	10 NVMe*	0	-	-	-	(0 - 4)x Optane + (2 - 10)x NVMe
DX380	8 SFF	1	2x SSD + (4 - 6)x HDD	(2 - 8)x	Nov 2022	Nov 2022
DX380	12 LFF	1*	(2 - 4)x SSD + (4 - 10)x HDD	(2 - 12)x	-	-
DX380	24 SFF	2*	(4 - 8)x SSD + (8 - 20)x HDD	(4 - 24)x	Nov 2022	-
DX385	12 LFF	2	(2 - 4)x SSD + (4 - 10)x HDD	(2 - 12)x	-	-
DX385	24 SFF	3	(4 - 8)x SSD + (8 - 20)x HDD	(4 - 24)x	(2 - 8)x NVMe + (2 - 22)x SSD	(2 - 8)x
EL8000 (4-node)	24 NVMe	0	-	-	-	(2 - 7)x NVMe

* DX380 12LFF and 24SFF had 2 and 3 HBAs respectively with the old Microchip E208i based chassis

** DX360 10NVMe offers the best storage performance due to direct-attached NVMe. Others use HBAs for disk connectivity.

Note: HDD ≥ 2x SSD count.

SSD ≥ NVMe count.

NVMe ≥ Optane count.



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SR416i / MR216i Tri-mode Controller

- New forward-looking high-performance industry standard -
 - PCIe 4.0: 2x performance vs. older E208i
 - U.3 backplane support
 - 24G SAS support: 2x performance vs. SAS 12G
 - 16x disk lanes: 2x performance vs. older E208i
- Flexible; any SFF slot supports NVMe.
 - Swap SAS / SATA with NVMe without changing internal cabling.
 - Future-proof.
- NVMe serviceability
 - Parity with SAS / SATA with respect to disk add / replacement
 - Only option to provide serviceability for AMD CPUs.



Storage Controller Comparison

	NS204i	Dual-mode E208i*	Tri-mode SR416i*	Tri-mode MR216i
Purpose	Mirrored Boot Disk	AOS Storage Tier	AOS Storage Tier	AOS Storage Tier
Form-factors for DX	<ul style="list-style-type: none"> • Primary riser (-r) • PCIe (-p) • Mezzanine (-t) 	<ul style="list-style-type: none"> • AROC (-a) • PCIe (-p) 	<ul style="list-style-type: none"> • AROC (-a) 	<ul style="list-style-type: none"> • AROC (-a)
PCIe Generation	3.0	3.0	4.0	4.0
PCIe host lanes	x8	x8	x8	x16
Total disk lanes	4x	8x	16x	16x
Number of disks	2	8	8	16
Lanes per disk	2x	1x	2x	1x (2x for NVMe)
Disk types	M.2 NVMe	SAS & SATA	SAS, SATA & NVMe	SAS, SATA & NVMe
U.3 backplane support	-	-	Yes	Yes
NVMe serviceability	-	-	At par with SAS/SATA	At par with SAS/SATA
24G SAS SSD support	-	-	Yes	Yes
Manufacturer	Microchip	Microchip	Microchip	Broadcom



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*E208i and SR416i have been discontinued on Gen10 plus FY23 onwards on DX360/380

Storage Controller Defaults

- Controllers are bundled in, and not user-selectable.
- NVMe support available from November 2022
- Storage performance
 - Best: Direct-attached NVMe.
 - Otherwise, directly proportional to the number of controllers.

Model	Chassis	NS204i (Boot)	SR416i (AROC)	E208i (AROC)	E208i (PCIe)	MR216i (AROC)	MR216i (PCIe)	Notes
DX325	8 SFF	PCIe	1x	-	-	-	-	
DX360	4 LFF	Riser	-	-	-	1x	-	
DX360	8 SFF	Riser	-	-	-	1x	-	
DX360	10 NVMe	Riser	-	-	-	-	-	10x NVMe direct-attached to CPU
DX380	8 SFF	PCIe	-	-	-	1x	-	
DX380	12 LFF	PCIe	-	-	-	1x	-	
DX380	24 SFF	PCIe	-	-	-	1x	1x	
DX385	12 LFF	PCIe	-	1x	1x	-	-	
DX385	24 SFF	PCIe	1x	-	2x	-	-	
EL8000	24 NVMe	-	-	-	-	-	-	Per-node. 6x NVMe direct-attached to CPU.



Storage Controller Defaults

- Controllers are bundled in, and not user-selectable.
- Enhanced NVMe serviceability on all models. Surprise adds & removal.
- Storage performance
 - Best: Direct-attached NVMe.
 - Better: NVMe using SR416i.
 - Otherwise, directly proportional to the number of controllers.

Model	Chassis	NS204i (Boot)	SR416i (AROC)	E208i (AROC)	E208i (PCIe)	MR216i (AROC)	MR216i (PCIe)	Notes
DX325	8 SFF	PCIe	1x	-	-	-	-	
DX360	4 LFF	Riser	-	-	-	1x	-	
DX360	8 SFF	Riser	-	-	-	1x	-	
DX360	10 NVMe	Riser	-	-	-	-	-	10x NVMe direct-attached to CPU
DX380	8 SFF	PCIe	-	-	-	1x	-	
DX380	12 LFF	PCIe	-	-	-	1x	-	
DX380	24 SFF	PCIe	-	-	-	1x	1x	
DX385	12 LFF	PCIe	-	1x	1x	-	-	
DX385	24 SFF	PCIe	1x	-	2x	-	-	
EL8000	24 NVMe	-	-	-	-	-	-	Per-node. 6x NVMe direct-attached to CPU.



Disk Performance



SAS
PM6, PM1643a

SAS
PM6, PM1643a

Performance NVMe
CM6, PM1733

SAS
PM6, PM1643a

Mainstream NVMe
No DX offering

SATA 3DWPD
PM897

SATA 1DWPD
S4510, PM883

Performance NVMe
CM6, PM1733

Mainstream NVMe
No DX offering



Performance NVMe
CM6, PM1733

Mainstream NVMe
No DX offering

SATA 3DWPD
PM897

SATA 1DWPD
S4510, PM883

SAS HDD 10K

SAS HDD 7.2K

Hybrid
(9 platforms)

All-Flash SSD
(9 platforms)

All-Flash
w/NVMe
(5 platforms)

All-NVMe
(5 platforms)

NVMe
w/Optane
(1 platform)



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NVMe

- Enhanced NVMe serviceability on all models. Surprise adds & removal
- Two platforms with direct attached NVMe, others via tri-mode adapters
- More quantity options (odd quantity options per node allowed)

Vendor / Model	Endurance	Capacity	SFF BC
Intel Optane P4800x	30x (WI)	750GB	P40553-B21
Samsung PM1733	1x (RI)	1.92TB	P43319-B21
		3.84TB	P43320-B21
		7.68TB	P43321-B21
Kioxia CM6	1x (RI)	1.92TB	P43313-B21
		3.84TB	P43314-B21
Samsung PM1735	3x (MU)	1.6TB	April 2022
		3.2TB	April 2022

SSD

- Introduction of Self-Encrypting Disks.
- More quantity options (odd quantity options per node allowed)
- 15.36TB SAS RI drives to follow in Q3 CY2022

Vendor / Model	Interface	Endurance	Capacity	SFF BC	LFF LP
Intel S4620	SATA	3x (MU)	1.92TB	P40504-B21	P56738-B21
Samsung PM897	SATA	3x (MU)	1.92TB	P56731-B21	P56734-B21
Samsung PM883	SATA	1x (RI)	1.92TB	P43305-B21	P43306-B21
			3.84TB	P43307-B21	P43308-B21
Intel S4510	SATA	1x (RI)	1.92TB	P43301-B21	P43302-B21
			3.84TB	P43303-B21	P43304-B21
Samsung PM893	SATA	1x (RI)	1.92TB	P56739-B21	P56742-B21
			3.84TB	P56743-B21	P56746-B21
Samsung PM1643a	SAS	1x (RI)	3.84TB	P43309-B21	P43310-B21
			7.68TB	P43311-B21	P43312-B21



HDD

- Introduction of Self-Encrypting Disks.
- More quantity options (odd quantity options per node allowed)
- All HDDs have SAS interface

Capacity	RPM	SFF BC	LFF LP
2TB	7.2K	P43289-P21	-
2.4TB	10K	P43382-B21	-
4TB	7.2K	-	P17963-B21
8TB	7.2K	-	P17965-B21
12TB	7.2K	-	P17966-B21
16TB	7.2K	-	P35152-B21
18TB	7.2K	-	P43286-B21

Self-Encrypting Disks

- TCG 2.0 based encryption
- External Key Management System (KMS)
- Can be layered with AOS software-based data-at-rest encryption (DARE).
- Not supported on LFF and NVMe capable slots (HPE limitation)
- Will be available on Broadcom controller based chassis from November 2022. Contact PM if needed earlier.

Platform	SED NVMe	SED SSD	SED HDD	Notes
DX360 8SFF	Q4 CY22	3.84 TB 7.68 TB	2.4 TB	Nov 2022



Disk Trays / Carriers

- Gen10 & Gen10 Plus use different types of disk trays.
- Only the LPC disks can be used across generations.
 - Underlying disk models are supported.

Form-Factor	Tray / Carrier	Generation	
		Gen10	Gen10 Plus / v2
SFF	Smart Carrier (SC)	Supported	-
SFF	Basic Carrier (BC)	-	Supported
LFF	Smart Carrier Convertor (SCC)	Supported on DX300	-
LFF	Low-profile Carrier (LPC)	Supported on DX2200	Supported

Network Interface Cards

#-ports	Speed	Interface	Vendor / Model	Form-Factor	
				OCP 3.0	PCIe
4-port	1 GbE	Base-T	Intel i350	P43269-B21	P43270-B21
2-port	10 GbE	Base-T	Broadcom 57416	P43272-B21	P43271-B21
2-port	10 / 25 GbE	SFP28	Intel E810	P10106-B21	P08443-B21
2-port	10 / 25 GbE	SFP28	Broadcom 57414	P53861-B21	P53862-B21
2-port	10 / 25 GbE	SFP28	Mellanox CX5	P43275-B21	P43274-B21
2-port	10 / 25 GbE	SFP28	Mellanox CX6	P42041-B21	P42044-B21
2-port	100 GbE *	QSFP56	Mellanox CX6	-	P43273-B21 (needs x16 PCIe slot)

- OCP 3.0 slot replaces the FLOM slot (Flexible LAN-on-Motherboard)
 - Every server contains 1 slot. Must be populated
- 100G NIC is incompatible with all GPUs.
- Do NOT mix vendors / models within the same virtual switch on the hypervisor
- RDMA is supported only on Mellanox CX5/CX6 10/25G.



NVIDIA GPUs

GPU	Expected GA	Maximum Counts						
		e920, DX325	DX360	DX380-8	DX380-12	DX380-24	DX385-12	DX385-24
Tesla T4 16GB	-	1	2	7	6	5	6	5
Ampere A2	Now (ESXi) CY2023 (AHV)	1	2	7	6	5	-	5
Ampere A10	Aug	-	-	4	TBD	TBD	TBD	TBD
Ampere A16	July	-	-	3	-	-	-	2 (Aug)
Ampere A30	Now	-	-	3	2	2	-	2 (Sept)
Ampere A40	Now	-	-	3	-	-	-	-
Ampere A100 40GB	EOS	-	-	3	2	-	-	2
Ampere A100 80GB	Now	-	-	2	-	-	-	-

- A2 on AHV is delayed. For ESXi, consult product team.
- GPU cables are auto-selected during quoting.
- A40, A100 have complex riser and retainer dependencies. Consult product team.
- GPUs cannot be used along with NVMe / SAS disks on Gen10 Plus platforms.



Risers (with DX360)

- 1 primary (NS204i-r, compulsory) and 2 secondary riser options
- Secondary riser requires 2-sockets
- NIC-GPU combination for 2-socket and 1-socket:

T4 GPUs	PCIe NICs	Primary Riser	Secondary Riser
2	0	Bundled	P43561-B21
1	0 - 1	Bundled	Not Required
1	2 - 3	Bundled	P43562-B21
0	0 - 2	Bundled	Not Required

Risers (with DX380)

- 1 primary (compulsory) and 1 secondary and 2 tertiary riser options
- 1-socket config rules out use of secondary and tertiary risers

SKU	Type	Description	Notes
P24345-B21	Secondary	HPE DX G10+ x8x16x8 3x16 Sec Rsr FIO Kit	-
P24344-B21	Tertiary	HPE DX G10+ 2x8 2x16 Tert Rsr FIO Kit	Maximize NICs & T4 GPUs
P42680-B21	Tertiary	HPE DX38X Gen10+ 1x16 Tertiary Riser Kit	Maximizes A100/A40

Hypervisor Boot Disks Options

Option ▶	Single Boot Disk	Dual Boot Disk
Disk Type	1x 480G M.2 SATA	2x 480G M.2 NVMe
Boot Mode	UEFI only	UEFI only
Other Names	-	NS204i, Tinker, Mirrored Boot Disk (MBD)
Availability	Optional	Default
Considerations	Cheaper. Needs a PCIe slot.	Redundant boot disks. Needs a PCIe slot, except on DX360.

Quoting by Platform ▼

DX325 8SFF	Add M.2 Kit & 1x 480G M.2	Add NS204i-p
DX360 (all)	Add M.2 Kit & 1x 480G M.2	Add NS204i-r & 2x 480G M.2
DX380 (all)	Add M.2 Kit & 1x 480G M.2	Add NS204i-p
DX385 12LFF	No action. Bundled in by default.	Add NS204i-p
DX385 24SFF	Add M.2 Kit & 1x 480G M.2	Add NS204i-p
DX2600 w/DX220n	Not supported	Add NS204i-t



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Note: Refer boot disk section in the [Ordering Guide](#) for more detailed SKU-level information.

AOS Versions for Quoting

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AOS & AHV

5.20.1+

vmware[®]

vSphere

6.7 U3+
7.0+

Microsoft
Hyper-V

Hyper-V

Not planned

-
- Platforms always ship with Nutanix AHV from factory.
 - Choice of AOS version -
 - Long-term Support (AOS 5.20.1), SKU = R6T15A
 - Short-term Support (AOS 6.0), SKU = R6T15B
 - Future components or software features might require STS at quoting, e.g.
 - NVMe SEDs, or
 - Blockstore on regular SSDs from factory.



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Miscellaneous Options

#	Item	Notes
1	TPM 2.0	All platforms
2	Intrusion Detection Kit	All platforms

Key Technical Considerations

What / Why?	Mitigation
Microsoft Hyper-V will not be supported <ul style="list-style-type: none">- Very low demand;- Consolidate platform offerings.	<ul style="list-style-type: none">• Position NX, Dell XC, or DX G10• Migrate to AHV or VMware• Support Transition Notes
Delayed SED support.	<ul style="list-style-type: none">• Independent work streams for HDD, SSD & NVMe.• CQ4 2022
Lack of 4-port 10GbE NICs	Use multiple 2-port NICs

FIPS 140-3 Level 1

Not supported.
For RFP checkmark.

- Federal Information Processing Standards (FIPS) is a set of standards, developed by NIST, required for use in computer systems to interwork with non-military US Federal agencies.
- Certifications are specific to a software / hardware component.
- FIPS requires iLO credentials to be enabled (per node), which breaks the iLO integration with Nutanix.

Component	Gen10	Gen10 Plus / v2
iLO 5	<ul style="list-style-type: none">• 140-2 Level 1 certified.• 140-3 Level 1 not planned.	<ul style="list-style-type: none">• 140-3 Level 1 (applied)

Platform
1-sliders



HPE DX360 Gen10 Plus 4LFF



- 1U, 1 or 2-socket Intel Ice Lake CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Ideal for ROBO, VDI & general server virtualization.

- Intel Xeon Ice Lake
 - 1-socket or 2-socket
 - 8 - 40 cores per socket
- 4LFF
 - (2 - 4)x SSD
 - 2x SSD + 2x HDD
- 8TB RAM
- 3x NICs
- 2x T4 GPUs
- 1x E208i HBA Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX360 Gen10 Plus 8SFF



- 1U, 1 or 2-socket Intel Ice Lake CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Direct attached NVMe
- Ideal for VDI & general server virtualization.

- Intel Xeon Ice Lake
 - 1-socket or 2-socket
 - 8 - 40 cores per socket
- 8SFF
 - (2 - 8)x SSD
 - (2 - 8)x SSD + 2x NVMe
 - 2x SSD + (4 - 6)x HDD
- 8TB RAM
- 3x NICs
- 2x T4 GPUs
- 1x E208i HBA Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX360 Gen10 Plus 10NVMe



- 1U, 2-socket Intel Ice Lake CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Direct attached NVMe/Optane, Compute Only option
- Partial-pop & enhanced serviceability with Intel VMD.
- Ideal for Business Critical Applications, UC & general server virtualization.

- Intel Xeon Ice Lake
 - 2-socket
 - 8 - 40 cores per socket
- All NVMe
 - (0 - 10)x NVMe
 - (2 - 4)x Optane + (2 - 8)x NVMe
- 8TB RAM
- 3x NICs
- 2x T4 GPUs
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX380 Gen10 Plus 8SFF



- 2U, 1 or 2-socket Intel Ice Lake CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Ideal for VDI, general server virtualization with maximum number of GPUs.

- Intel Xeon Ice Lake
 - 1-socket or 2-socket
 - 8 - 40 cores per socket
- 8SFF
 - (2 - 8)x SSD
 - (2 - 6)x SSD + (2 - 4)x NVMe
 - (2 - 8)x NVMe
 - 2x SSD + (4 - 6)x HDD
- 8TB RAM
- 7x NICs
- Upto 7x T4 or 3x A100/A40 GPUs
- 1x SR416i Tri-mode Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX380 Gen10 Plus 12LFF



- 2U, 1 or 2-socket Intel Ice Lake CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Ideal for Files, Objects and Test/Dev.

- Intel Xeon Ice Lake
 - 1-socket or 2-socket
 - 8 - 40 cores per socket
- 12LFF
 - (2 - 12)x SSD
 - (2 - 4)x SSD + (4 - 10)x HDD
- 8TB RAM
- 6x NICs
- Upto 6x T4 or 3x A100/A40 GPUs
- 2x E208i HBA Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX380 Gen10 Plus 24SFF



- 2U, 1 or 2-socket Intel Ice Lake CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Ideal for Business Critical Applications, UC & general server virtualization.

- Intel Xeon Ice Lake
 - 1-socket or 2-socket
 - 8 - 40 cores per socket
- 24SFF
 - (4 - 12)x SSD
 - (2 - 8)x NVMe + (2 - 22) SSD
 - (4 - 8)x SSD + (8 - 20)x HDD
- 8TB RAM
- 5x NICs
- Upto 5x T4 or 2x A100/A40 GPUs
- 2x E208i HBA and 1x SR416i Tri-mode Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX325 Gen10 Plus v2 8SFF



- 1U, 1-socket AMD EPYC 7003 Series (Milan) CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Ideal for ROBO, VDI & general server virtualization.

- AMD EPYC 7003 Series (Milan)
 - 1-socket
 - 8 - 64 cores
- 8SFF
 - (2 - 8)x NVMe
 - (2 - 4)x NVMe + (2 - 6)x SSD
 - (2 - 8)x SSD
 - 2x SSD + (4 - 6)x HDD
- 2TB RAM
- 3x NICs
- 1x SR416i HBA Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX385 Gen10 Plus 12LFF



- 2U, 1-/2-socket, AMD EPYC 7002 Series (Rome) CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Ideal for Files, DR, business-critical applications & unstructured data.

- AMD EPYC 7002 Series (Rome)
 - 1-socket or 2-socket
 - 8 - 64 cores per socket
- 12LFF
 - (2 - 12)x SSD
 - (2 - 4)x SSD + (4 - 10)x HDD
- 4TB RAM
- 7x NICs
- 2x E208i HBA Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE DX385 Gen10 Plus v2 24SFF



- 2U, 1-/2-socket, AMD EPYC 7003 Series (Milan) CPUs
- Nutanix AHV 5.20+ & VMware ESXi 6.7u3+
- Fully configure-to-order (CTO)
- Ideal for Databases & business-critical applications.

- AMD EPYC 7003 Series (Milan)
 - 1-socket or 2-socket
 - 8 - 64 cores per socket
- 24SFF
 - (2 - 8)x NVMe
 - (2 - 8)x NVMe + (2 - 22)x SSD
 - (4 - 24)x SSD
 - (4 - 8)x SSD + (8 - 20)x HDD
- 4TB RAM
- 6x NICs
- 1x SR416i + 2x E208i Controller
- Mirrored Boot Disk
 - 2x 480G M.2 NVMe
 - UEFI Boot. Secure Boot Ready.



HPE EL8000 w/e920 blades



- 5U chassis with up to 4x e920 blades.
- Built-in switches and backplane interconnect.
- Ideal for ruggedized & tactical deployments.
- DX-branding NOT offered. Quoting via distributor.
- No LCM FW-upgrade support.

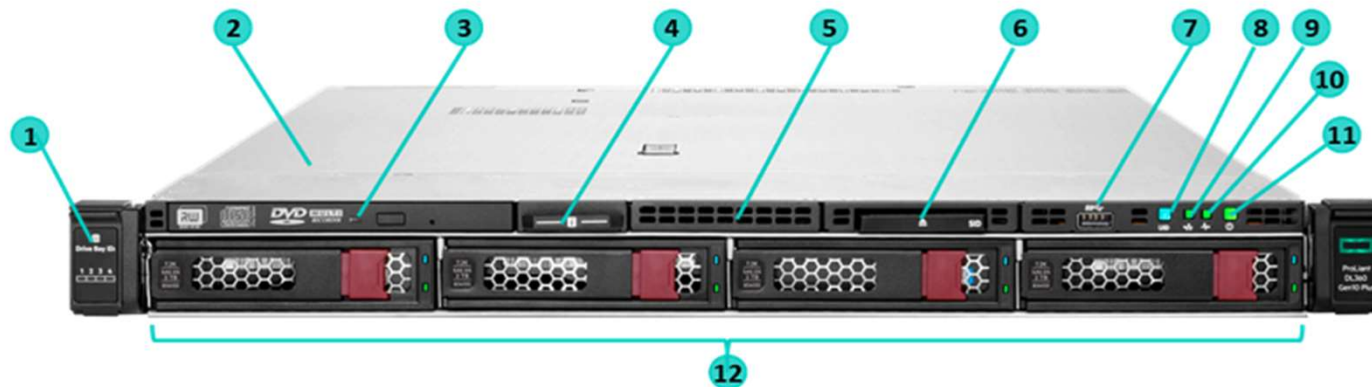
- 1x Intel Ice Lake CPUs
- 1.5TB RAM
- All-NVMe (7x)
 - 3DWPD – 1.92T, 3.84T
- NICs: 1x 10/25G (OCP, PCIe)
- Internal Switch for Blades
- AC/DC Power
- Dimensions: 9" x 9" x 17"
- GPU: T4, A2 (roadmap)



Detailed Views



HPE DX360 Gen10 Plus 4LFF - Front View



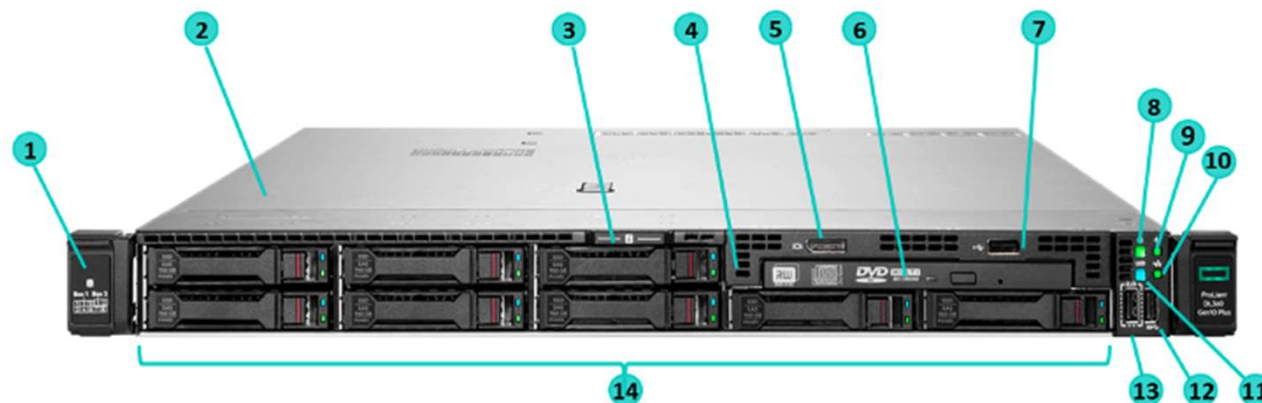
- | | |
|--|--|
| 1. Drive support label | 7. USB 3.0 Port |
| 2. Quick removal access panel | 8. UID button/LED |
| 3. Optical drive (optional—shown) | 9. NIC status LED |
| 4. Serial number label pull tab | 10. Health LED |
| 5. Option: Display port & USB 2.0 port Kit (blank shown) | 11. Power On/Standby button and system power LED |
| 6. Option: System insight Display (SID)—shown ¹ | 12. SAS/SATA drive bays |

¹ This option will lose #7—iLO Service Port



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HPE DX360 Gen10 Plus 8SFF - Front View



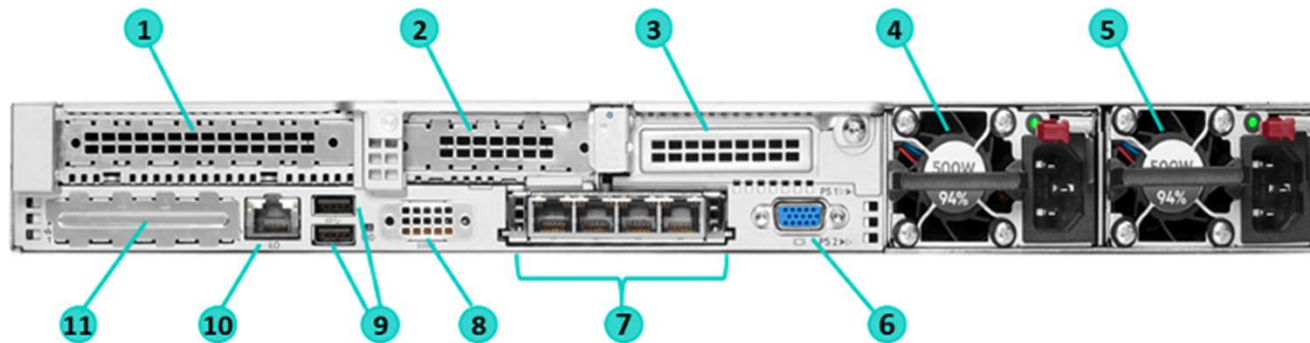
1. Drive support label
2. Quick removal access panel
3. Serial number label pull tab
4. Universal Media Bay (optional):
 - a. Shown: Optical drive bay + Display port & USB 2.0 port kit
 - b. Option: +2 SFF 12G x1 SAS/SATA cage
 - c. Option: +2 SFF 24G x4 Tri-Mode U.3 cage
 - d. Option: +2 SFF 16G x4 NVMe U.2 cage
5. Display port
6. Optical drive (optional—shown)
7. USB 2.0 port
8. Power On/Standby button and system power LED
9. Health LED
10. NIC status LED
11. UID button/LED
12. USB 3.0 port
13. iLO Service Port¹
14. Drive bays; backplane choices:
 - a. Option: 8 SFF 12G x1 SAS/SATA
 - b. Option: 8 SFF 24G x1 Tri-Mode U.3
 - c. Option: 8 SFF 24G x4 Tri-Mode U.3
 - d. Option: 8 SFF 16G x4 NVMe U.2

¹ Optional System Insight Display (SID) module will include #8–12 above (will not include #13—iLO Service Port).



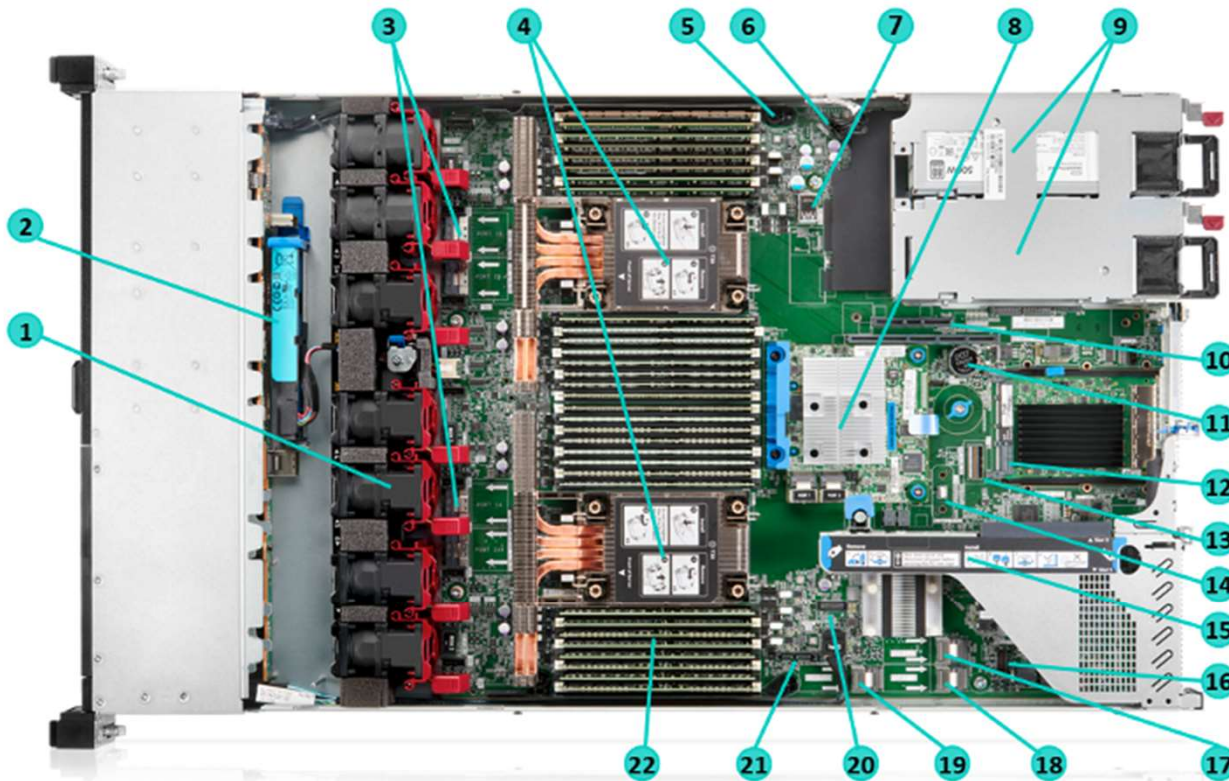
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HPE DX360 Gen10 Plus - Rear View



1. Slot 1 PCIe 4.0—Full Height
2. Slot 2 PCIe 4.0—Low Profile
3. Option: Slot 3 PCIe 4.0 (Requires 2nd processor)
 - a. Low Profile and Full Height options
4. Power Supply 2
5. Power Supply 1
6. VGA port
7. OCP NIC ports (if equipped)
 - a. 200GbE through 1GbE options
8. Serial port (optional)
9. USB 3.0 Ports
10. iLO Management Port
11. Blank cover, not available for use

HPE DX360 Gen10 Plus - Interior Details

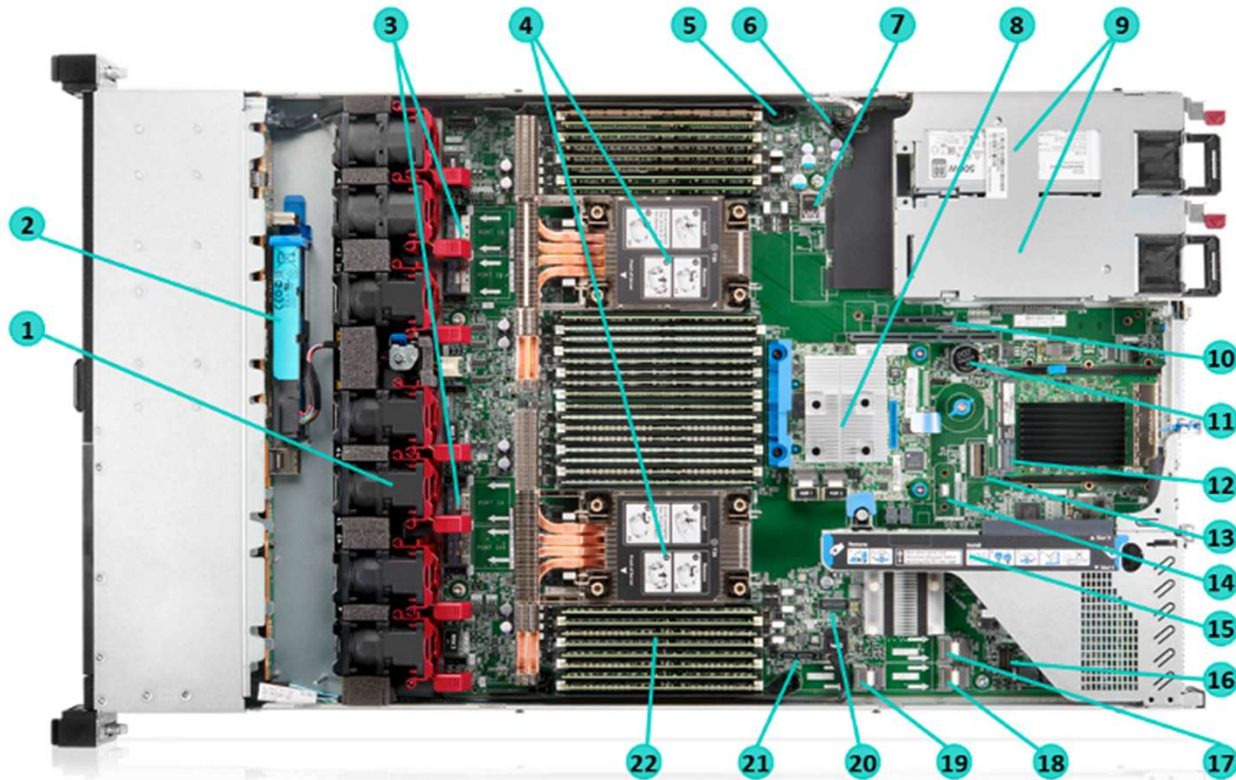


1. Hot plug fans (single rotor standard)
 - a. 1 CPU—5 fans
 - b. 2 CPUs—7 fans
 - c. Option: High Performance fans
2. Option: HPE Smart Hybrid Capacitor or HPE Smart Storage Battery
3. 4 x8 NVMe ports (1A—2B)
4. Up to 2 processors (shown with high performance heat sinks)
5. Optional Chassis Intrusion Detection connector
6. Hard Drive backplane power connector
7. Dual internal USB 3.0 connector
8. Storage Controller (Type—a shown)
9. Up to 2 Power Supplies for redundant power
10. Secondary (CPU2) PCIe 4.0 riser
 - a. Option: Low Profile x16
 - b. Option: Full Height x16¹
11. System Battery
12. x16 OCP connector (supports various NICs up to 200GbE)
13. Vertical slimline SAS connector (AROC lane recovery)

¹ Lose slot 2 on Primary riser

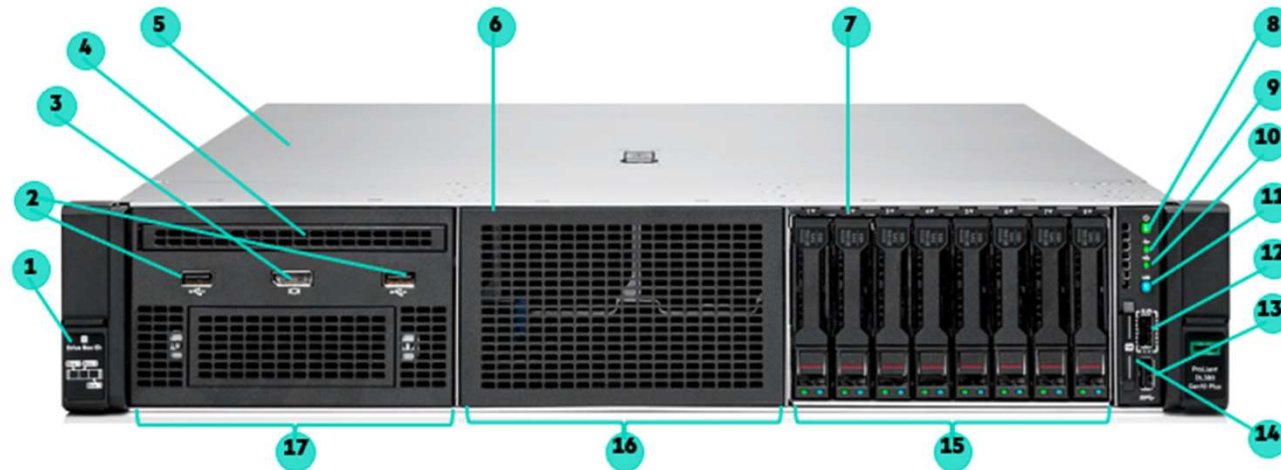


HPE DX360 Gen10 Plus - Interior Details



- 14. TPM 2.0—Optional on Configure-to-Order Models
- 15. Primary (CPU1) PCIe 4.0 riser (Standard: GPU power connector + 2x 16 slots)
 - a. Option: 1 x16 and 1 x8 slots + x2 PCIe M.2 connectors with HW RAID support
 - b. (SFF only): 1 x16 and 1 x8 slots + 1 x8 NVMe connector
- 16. Option: Front Display port/USB 2.0 connector
- 17. x4 SATA port 1
- 18. x4 SATA port 2
- 19. x4 SATA port 3
- 20. Front Power USB 3.0 connector
- 21. Optical/SATA port
- 22. DDR4 DIMM slots (Fully populated 32 DIMMs shown)

HPE DX380 Gen10 Plus 8SFF - Front View



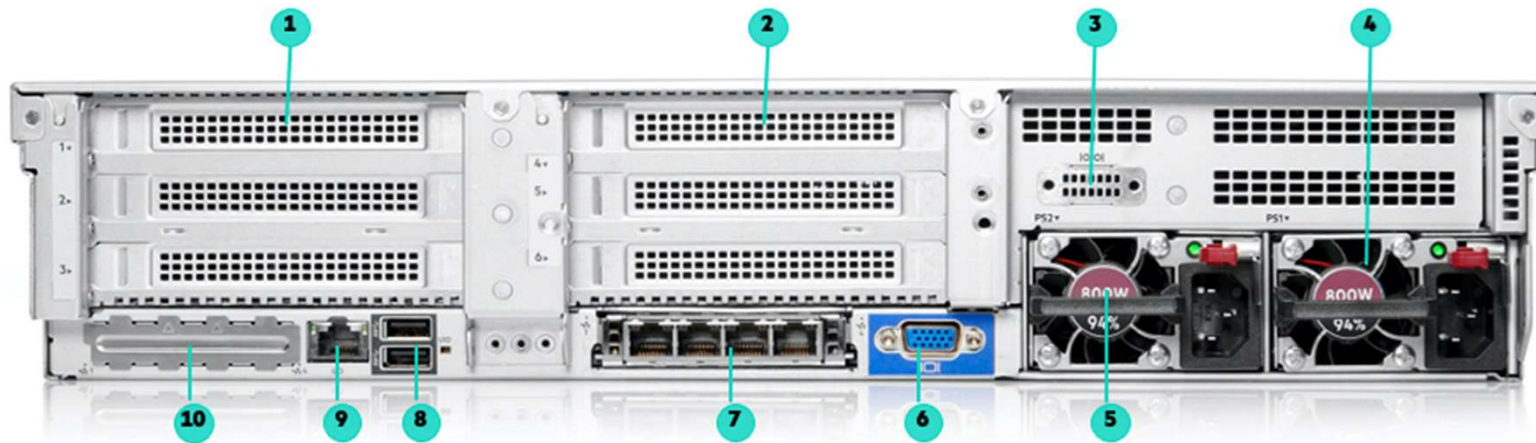
1. Drive support label
2. Optional USB 2.0 (via Universal Media Bay)
3. Optional front display port (Via Universal Media Bay)
4. Universal Media Bay (optional):
 - a. Shown: Optical drive bay + Display port & USB 2.0 port kit
 - b. Option: +2 SFF 12G x1 SAS/SATA cage
 - c. Option: +2 SFF 24G x4 Tri-Mode U.3 cage
5. Quick removal access panel
6. Optional 8 SFF Drive Cage Bay
7. 8 SFF Drive Cage Bay

8. Power On/Standby button and system power LED
9. Health LED
10. NIC status LED
11. UID button/LED
12. iLO Service Port
13. USB 3.0
14. Serial number label pull tab
15. Box 3
16. Box 2
17. Box 1



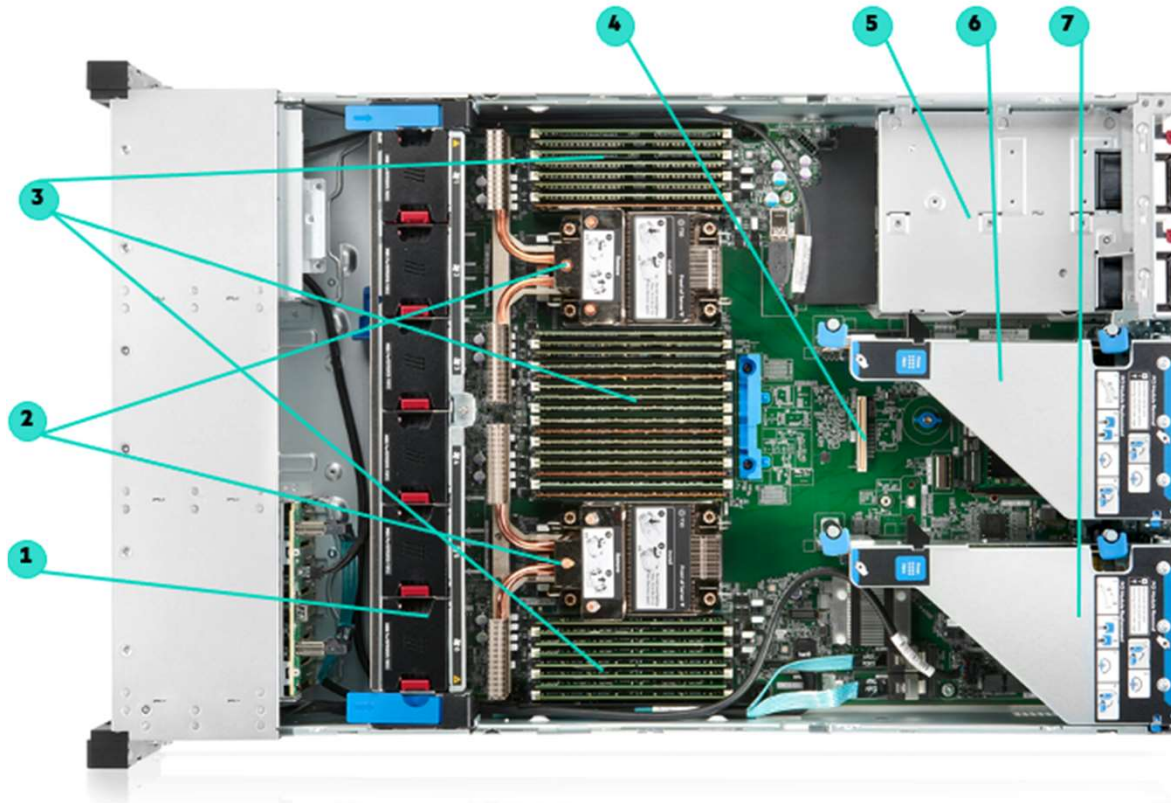
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HPE DX380 Gen10 Plus - Rear View



1. Primary Riser PCIe 4.0 slots
2. Secondary Riser PCIe 4.0 slots
3. Serial port (optional)
4. Power Supply 1
5. Power Supply 2
6. VGA port
7. OCP NIC ports (if equipped)
 - a. 200GbE through 1GbE options
8. USB 3.0 Ports (2)
9. iLO Management Port
10. Blank cover, not available for use

HPE DX380 Gen10 Plus - Interior Details

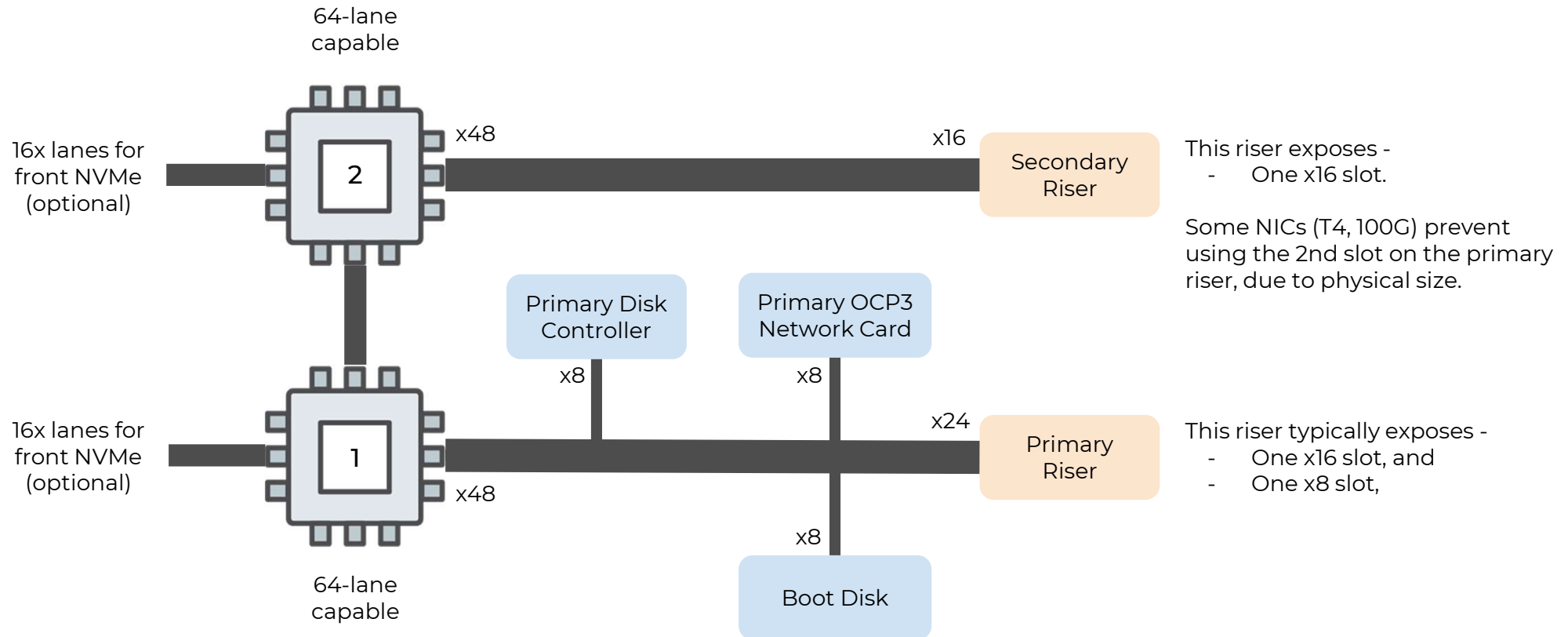


1. Hot plug fans (6 single rotor standard)
 - a. High performance temperature fans optional
2. 2 Processors, heatsink showing
3. DDR DIMM Slots. Shown fully populated in 32 slots (16 per processor)
4. AROC Connectors
5. Hot Plug redundant HPE Flexible Slot Power supplies
6. Secondary Riser, requires second CPU (Optional)
7. Primary Riser

The background of the slide is a complex, abstract digital network visualization. It features a dense web of glowing blue and purple nodes connected by thin, translucent lines. The nodes vary in size and brightness, with some appearing as bright, multi-colored spheres. The overall effect is that of a dynamic, interconnected system, possibly representing a data network or a complex design structure. The colors are primarily shades of cyan, blue, and purple, set against a dark, almost black background.

Detailed Internal Designs

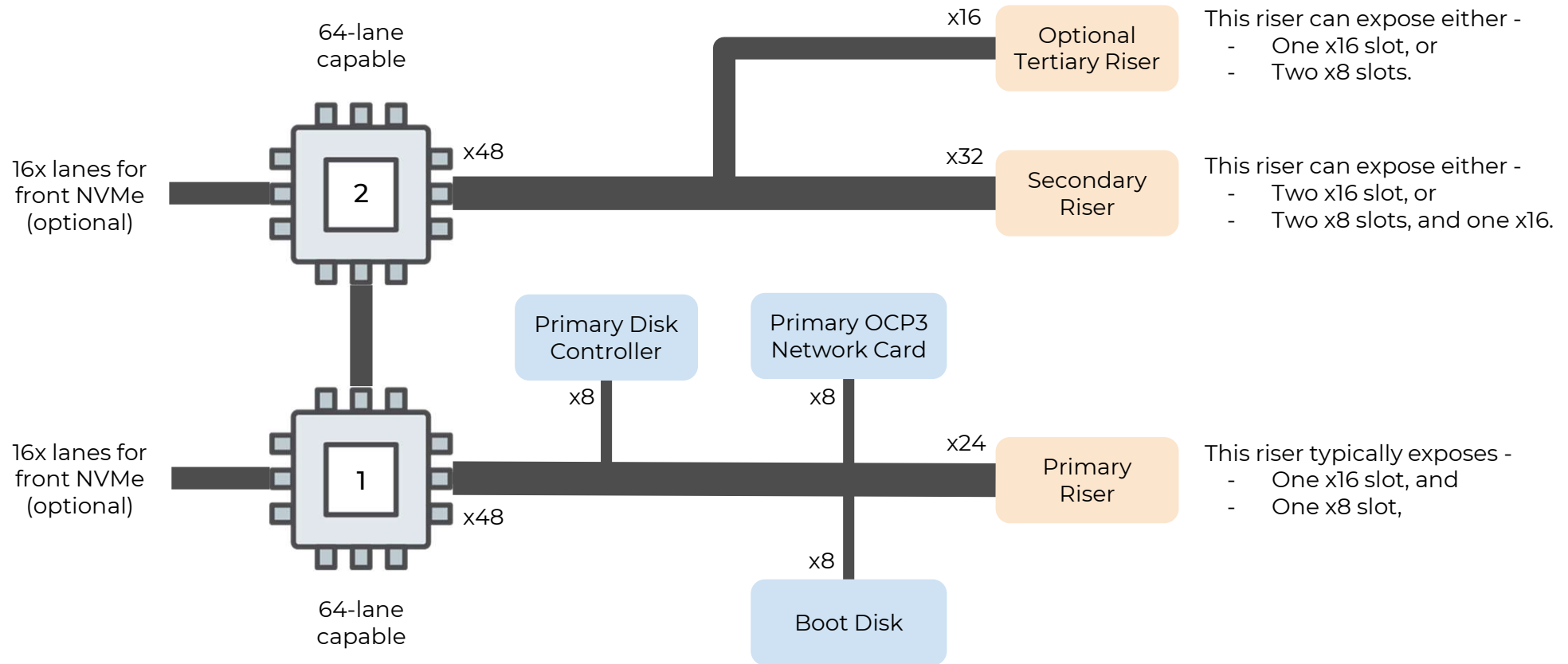
Typical PCIe Motherboard Design – 1U



Note: Typical 2-socket motherboard layout. On 10NVMe, the primary disk controller lanes are also routed to the front disk cages for a total of 40 lanes (10 disks with x4 lanes each)



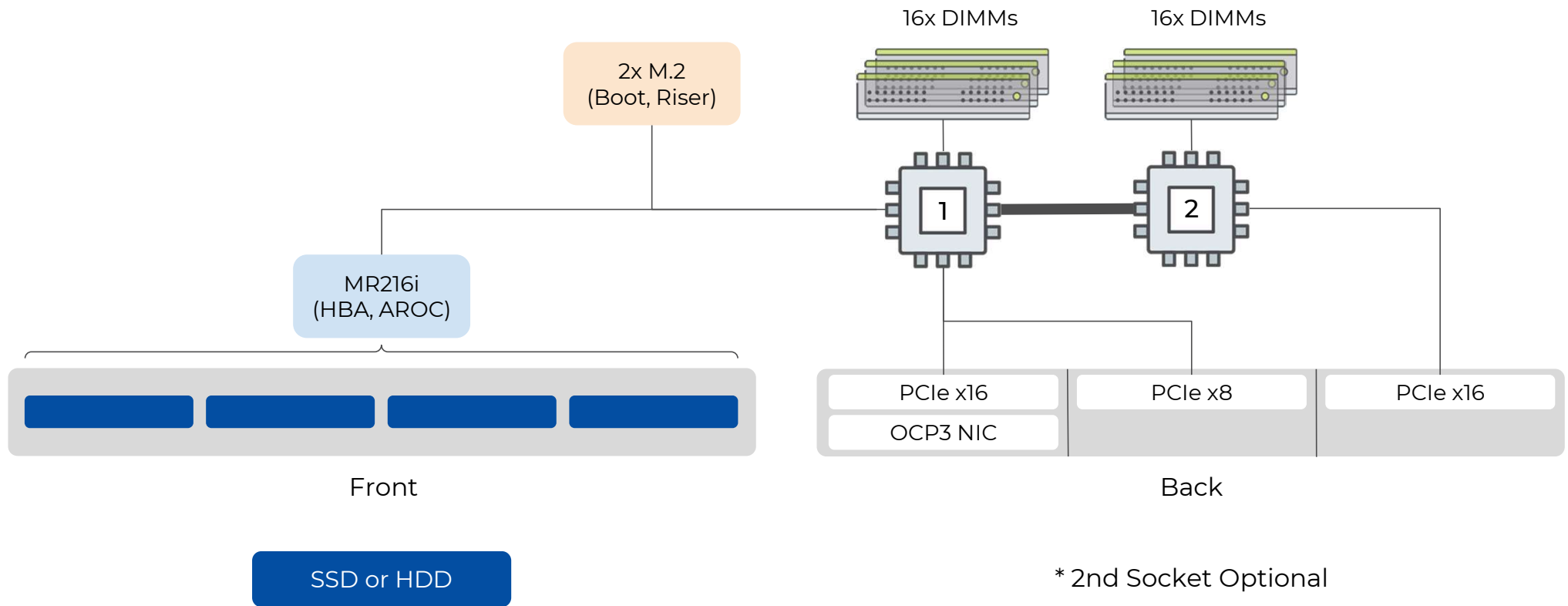
Typical PCIe Motherboard Design – 2U



Note: Typical 2-socket motherboard layout.



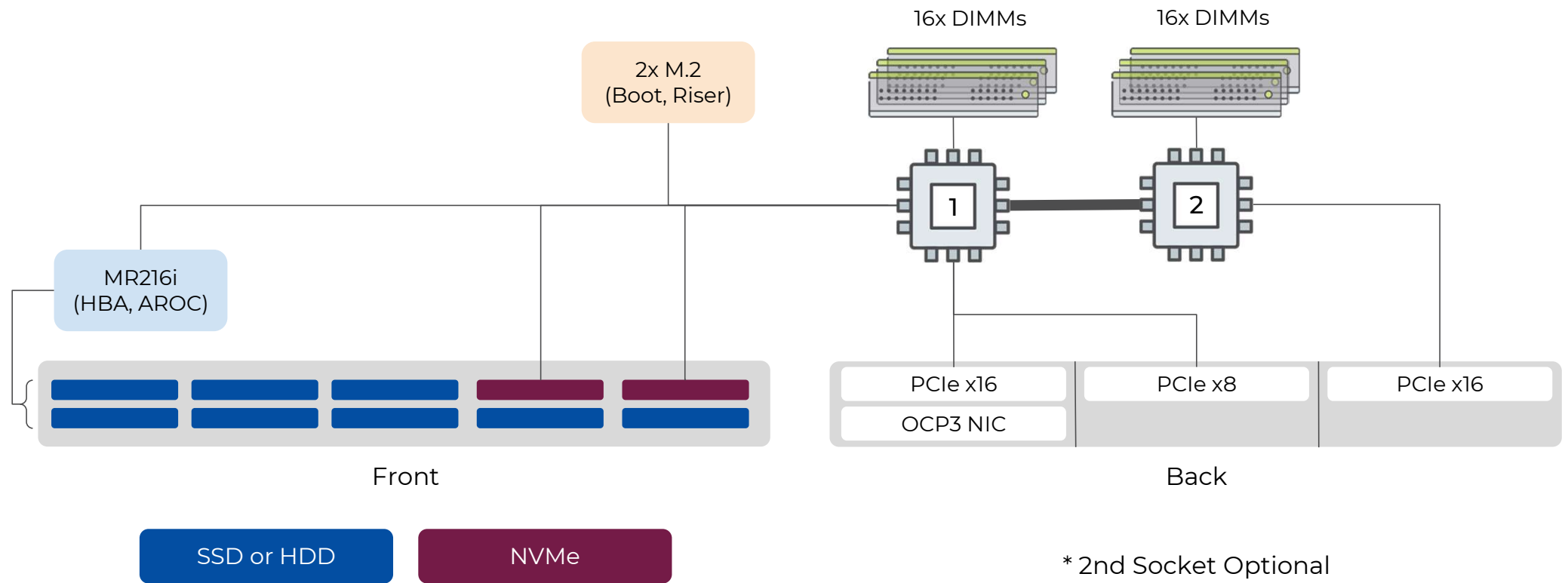
DX360 4LFF Gen10 Plus



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



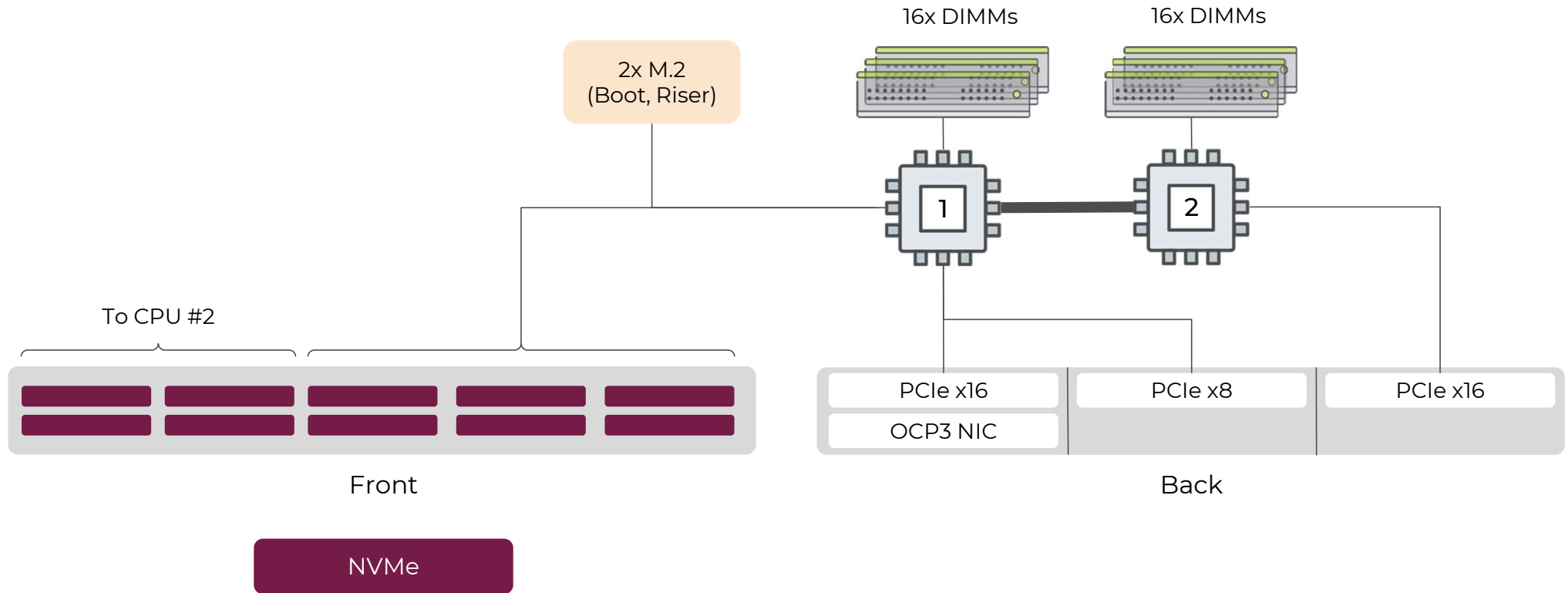
DX360 8SFF Gen10 Plus



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.

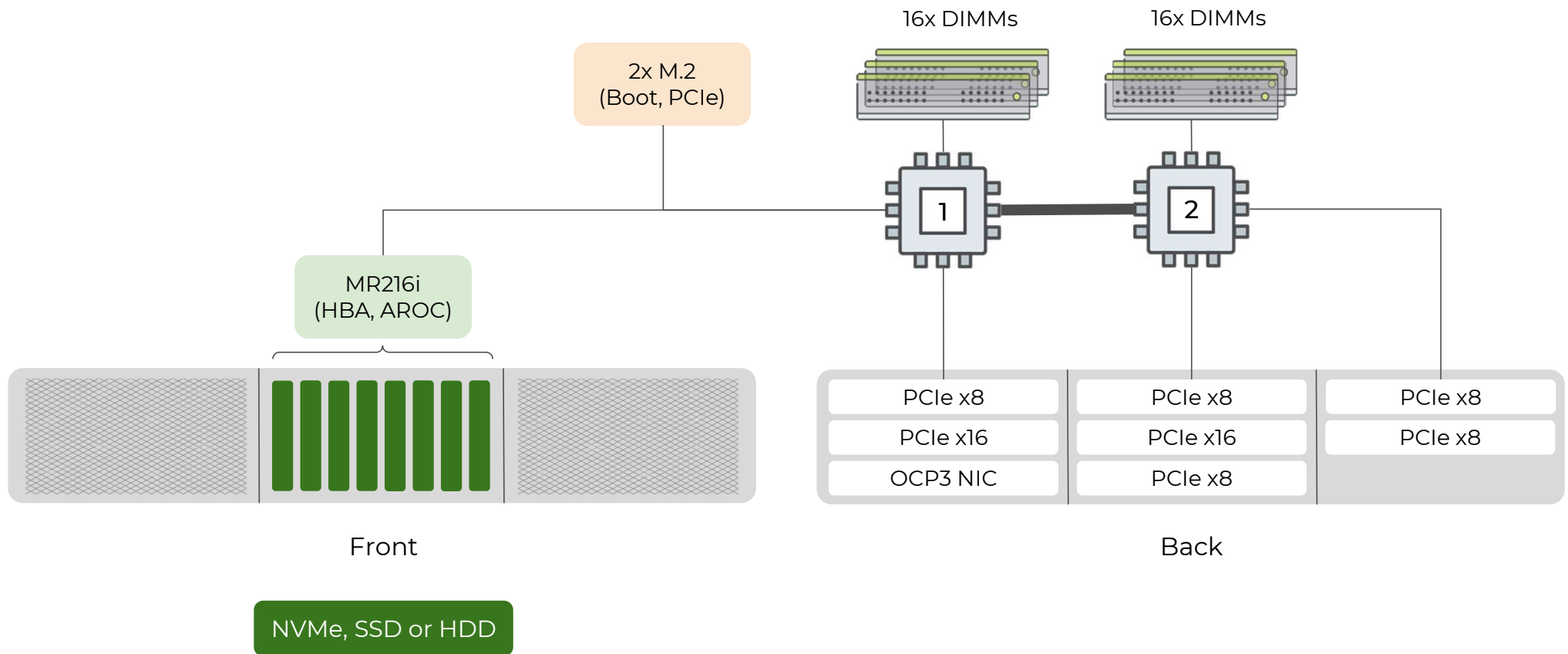


DX360 10NVMe Gen10 Plus



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.

DX380 8SFF Gen10 Plus

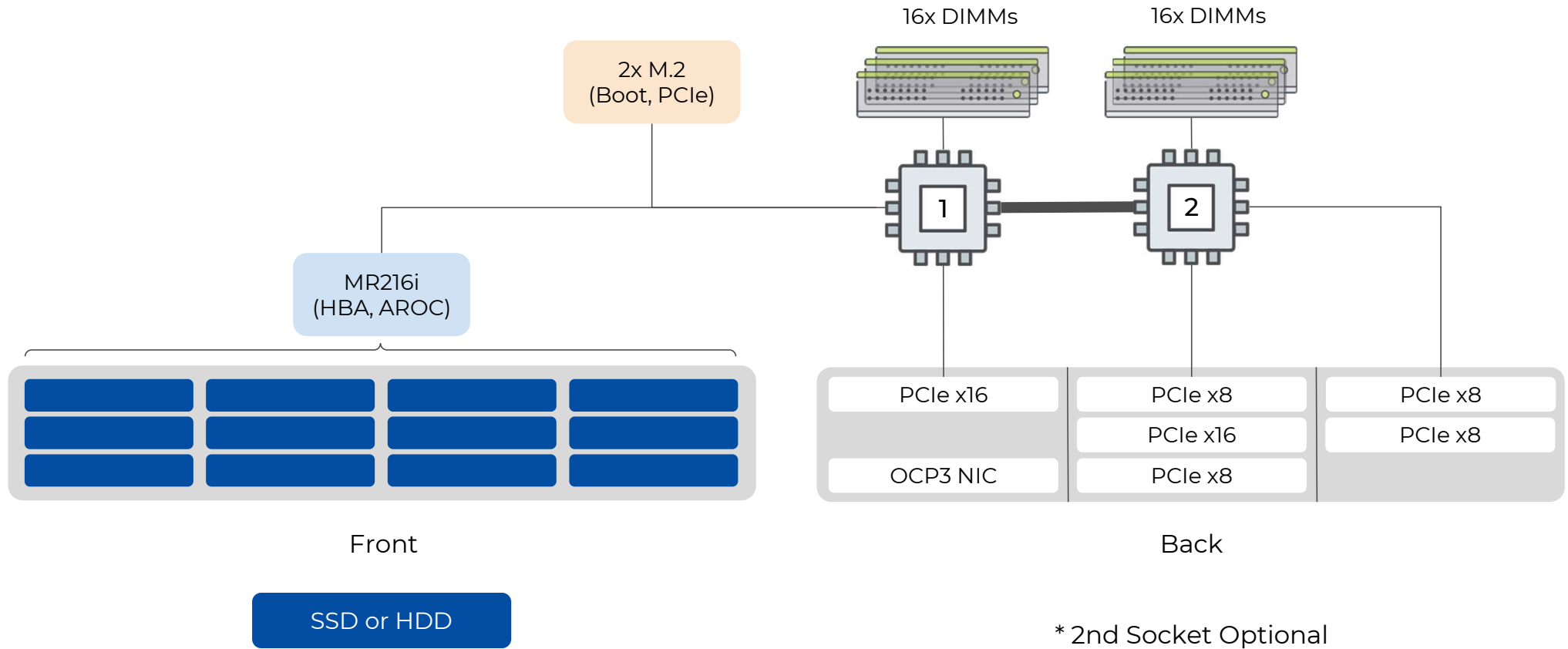


Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



DX380 12LFF Gen10 Plus

P56703-B21
(FY23 onwards)

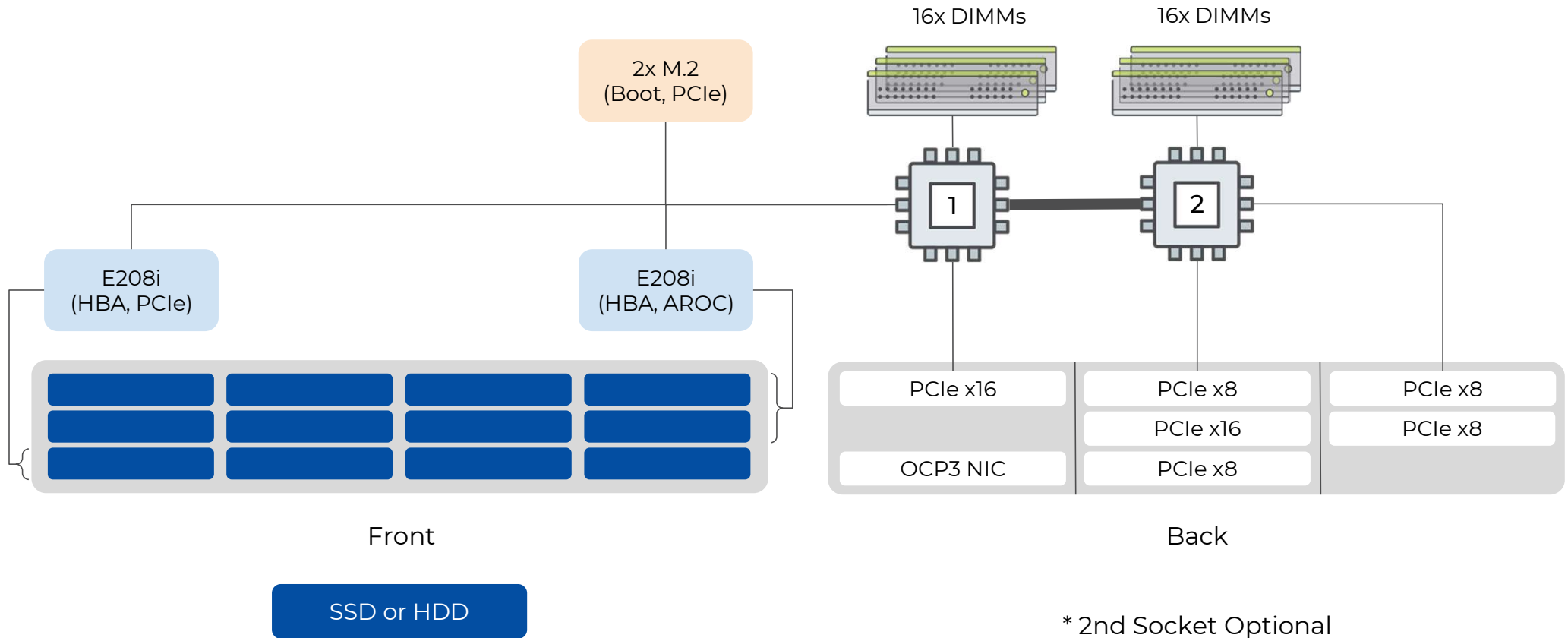


Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



DX380 12LFF Gen10 Plus

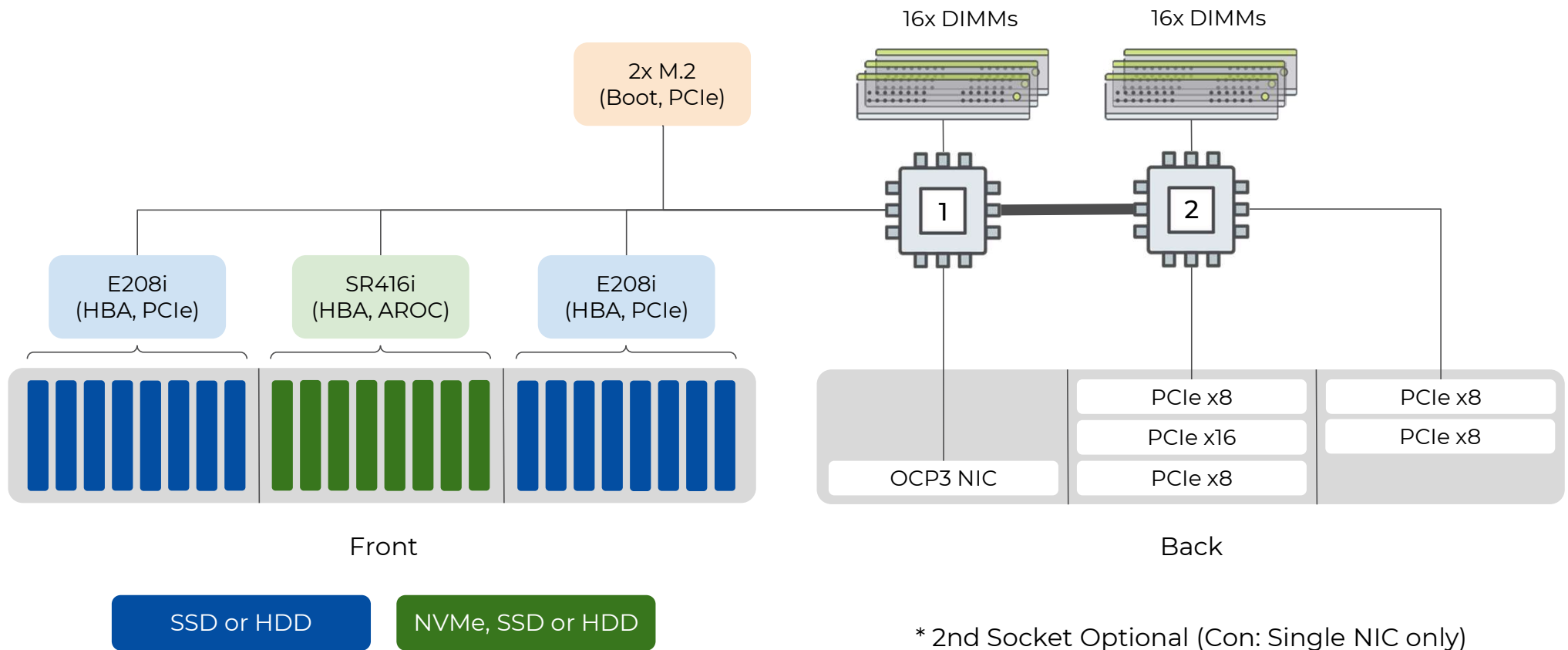
P40792-B21
(Pre-FY23)



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



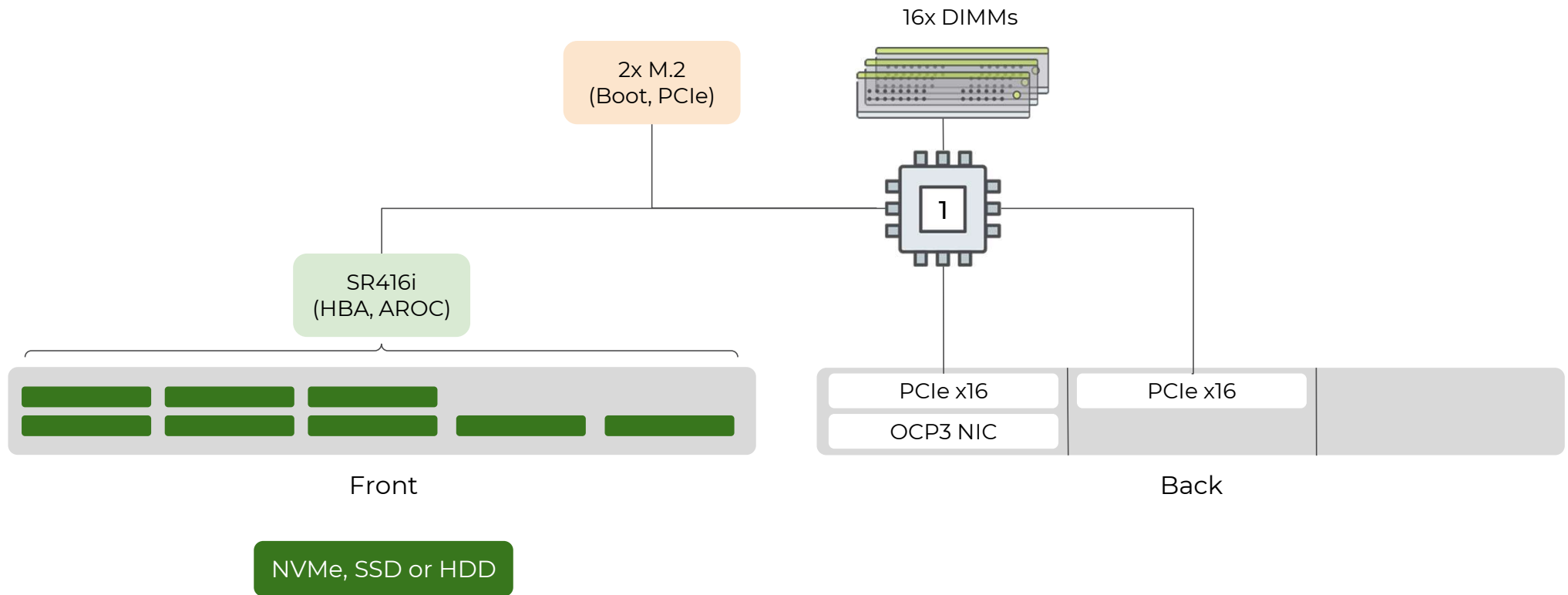
DX380 24SFF Gen10 Plus



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



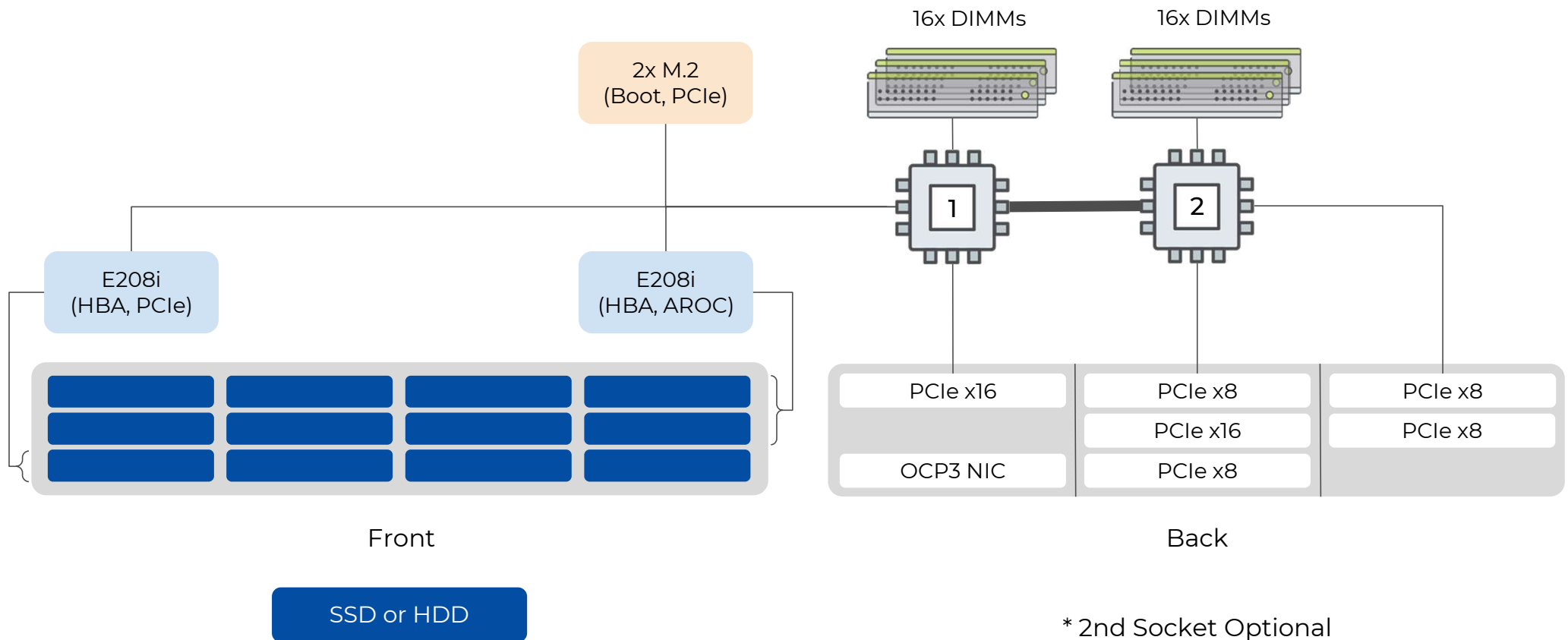
DX325 8SFF Gen10 Plus v2



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



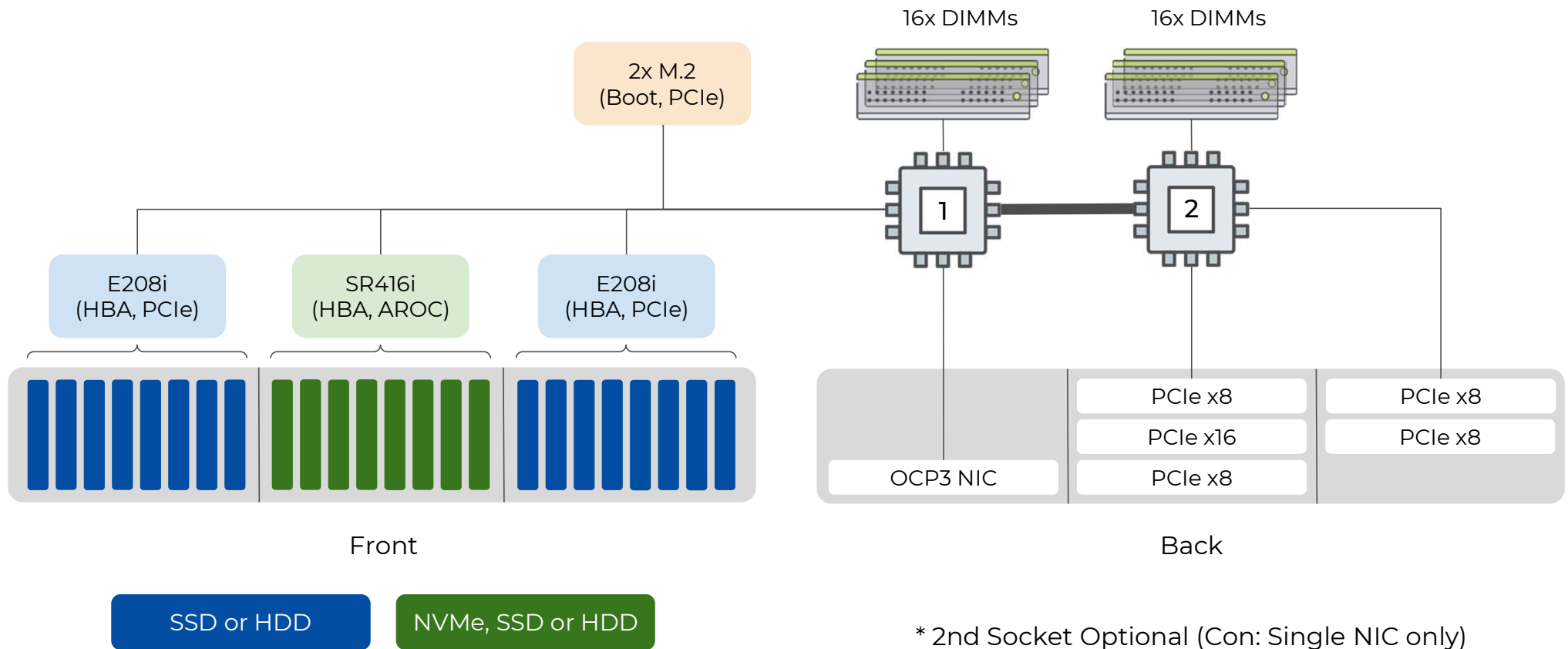
DX385 12LFF Gen10 Plus



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



DX385 24SFF Gen10 Plus v2



Note: Storage controllers and boot disks always occupy slots in the primary riser connected to CPU #1.



Thank you



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