

PowerEdge Server GPU Matrix

Brand	Model	GPU Memory	Memory ECC	Memory Bandwidth	Max Power Consumption	Host Interface (BW)	GPU-to-GPU Peer Interconnect (BW)	Slot Width	GPU Height/Length ⁵	Auxiliary Cable	Workload ¹
AMD	MI300X OAM	192 GB HBM3	Y	5.3 TB/sec	750W	PCIe Gen5x16 (128 GB/sec)	Infinity Fabric Link (4th Gen-896 GB/sec)	N/A	N/A	N/A	AI / HPC
AMD	MI210	64 GB HBM2e	Y	1638 GB/sec	300W	PCIe Gen4x16 (64 GB/sec)	Infinity Fabric Link bridge8	DW	FHFL	CPU 8 pin	HPC/Machine learning training
Intel	Gaudi3 PCIe	128 GB HBM3	Y	3.7 TB/s	600W	PCIe Gen5x16 (128 GB/sec)	3x200G RoCE	DW	FHFL		AI / HPC
Intel	Gaudi3 OAM	128 GB HBM3	Y	3.6TB/s	850W	PCIe Gen5x16 (128 GB/sec)	3x200G RoCE	N/A	N/A	N/A	AI / HPC
Intel	Flex 140	12 GB GDDR6	Y	336 GB/Sec	75W	PCIe Gen4 x8 (32 GB/sec)	XeLink bridge8 (336 GB/sec)	SW	HHHL/FHHL	N/A	Inferencing/Edge
NVIDIA	H200 NVL	141GB HBM3e	Y	4.8 TB/sec	600W	PCIe Gen 5x16 (128 GB/sec)	NVLink (4th Gen - 900 GB/s)	DW	FHFL	PCIe 16 pin	AI/HPC
NVIDIA	H100 NVL	94 GB HBM3	Y	3.9 TB/sec	350W- 400W	PCIe Gen 5x16 (128 GB/sec)	NVLink (4th Gen - 900 GB/s)	DW	FHFL	PCIe 16 pin	AI / HPC
NVIDIA	B200 SXM (x8) DLC	180 GB HBM3e	Y	7.7 TB/sec	1000W	PCIe Gen 5x16 (128 GB/sec)	NVLink (5th Gen - 1.8 TB/s)	N/A	N/A	N/A	AI / HPC
NVIDIA	H200 SXM5 (x8) DLC	141 GB HBM3e	Y	4.8 TB/sec	700W	PCIe Gen 5x16 (128 GB/sec)	NVLink (4th Gen - 900 GB/s)	DW	N/A	N/A	AI / HPC
NVIDIA	H200 SXM5 (x8) AC	141GB HBM3e	Y	4.8 TB/s	700W	PCIe Gen 5x16 (128 GB/sec)	NVLink (4th Gen - 900 GB/s)	N/A	N/A	N/A	AI / HPC
NVIDIA	H100 SXM5 (x8)	80 GB HBM3	Y	3 TB/sec	700W	PCIe Gen 5x16 (128 GB/sec)	NVLink (4th Gen - 900 GB/s)	N/A	N/A	N/A	AI / HPC
NVIDIA	H100 SXM5 (x4)	80 GB HBM3	Y	3 TB/sec	700W	PCIe Gen 5x16 (128 GB/sec)	NVLink (4th Gen - 900 GB/s)	N/A	N/A	N/A	AI / HPC
NVIDIA	L40S	48 GB GDDR6	Y	864 GB/sec	350W	PCIe Gen4 x16 (64 GB/sec)	N/A	DW	FHFL	PCIe 16 pin	AI/ Performance graphics/VDI
NVIDIA	L40	48 GB GDDR6	Y	864 GB/sec	300W	PCIe Gen4 x16 (64 GB/sec)	N/A	DW	FHFL	PCIe 16 pin	Performance graphics/VDI
NVIDIA	A16	64 GB GDDR6	Y	800 GB/sec	250W	PCIe Gen4 x16 (64GB/sec)	N/A	DW	FHFL	CPU 8 pin	VDI
NVIDIA	L4	24 GB GDDR6	Y	300 GB/sec	72W	PCIe Gen4 x16 (64GB/sec)	N/A	SW	HHHL	N/A	Inferencing/Edge/VDI
NVIDIA	L4	24 GB GDDR6	Y	300 GB/sec	72W	PCIe Gen4 x16 (64GB/sec)	N/A	SW	FHHL	N/A	Inferencing/Edge/VDI
NVIDIA	A2	16 GB GDDR6	Y	200 GB/sec	60W	PCIe Gen 4x8	N/A	SW	HHHL	N/A	Inferencing/Edge/VDI
NVIDIA	A2 (v2)	16 GB GDDR6	Y	200 GB/sec	60W	PCIe Gen4 x8 (32 GB/sec)	N/A	SW	HHHL	N/A	Inferencing/Edge/VDI
NVIDIA	A2	16 GB GDDR6	Y	200 GB/sec	60W	PCIe Gen4 x8 (32 GB/sec)	N/A	SW	FHHL	N/A	Inferencing/Edge/VDI
NVIDIA	A2 (v2)	16 GB GDDR6	Y	200 GB/sec	60W	PCIe Gen4 x8 (32 GB/sec)	N/A	SW	FHHL	N/A	Inferencing/Edge/VDI
NVIDIA	A10	24 GB GDDR6	Y	600 GB/sec	150W	PCIe Gen4 x16 (64GB/sec)	N/A	SW	FHFL	PCIe 8 pin	mainstream graphics/VDI

Brand	Model	Part Numbers	Tied SKU ²			Customer Kit SKU ²	
AMD	MI300X OAM	W9DCT	490-BJZD				
AMD	MI210	0RJ6Y/ YJFV0/880VN	490-BHUU	490-BJYD		490-BHUT	490-BJYF
Intel	Gaudi3 PCIe						
Intel	Gaudi3 OAM	3PNFV	489-BBGR				
Intel	Flex 140	P7M0V/DHG15	490-BIIQ	490-BIIM		490-BIIK	490-BIIO
NVIDIA	H200 NVL	H80JD					
NVIDIA	H100 NVL	MM3MP	330-BCFX				
NVIDIA	B200 DLC						
NVIDIA	B200SXM(x8) DLC						
NVIDIA	H200 SXM5 (x8) DLC	RFR22					
NVIDIA	H200 SXM5 (x8) AC	1WPD4	490-BHHF				
NVIDIA	H100 SXM5 (x8)	W2YC4	489-BBGD				
NVIDIA	H100 SXM5 (x4)	V0W6P	489-BBGJ				
NVIDIA	L40S	7WK28	490-BJVT			490-BJVV	
NVIDIA	L40	VHNWT/20FCY	490-BJHP	490-BJHQ		490-BJHN	
NVIDIA	A16	8F04V/D1P1T	490-BHER	490-BHET		490-BHES	
NVIDIA	L4	V9XT2	490-BJRN			490-BJRR	
NVIDIA	L4	NG3PY	490-BJRP			490-BJRQ	
NVIDIA	A2	JWV46	490-BHMF			490-BHMD	
NVIDIA	A2 (v2)	H98K0	490-BHVO			490-BHVQ	
NVIDIA	A2	9X0F6	490-BHME			490-BHMC	
NVIDIA	A2 (v2)	MG5JX	490-BHVR			490-BHVP	
NVIDIA	A10	CGNVH/6KNWW	490-BGKF	490-BGLB	490-BGYD	490-BGKH	

PowerEdge 17th Generation servers											
Brand	Model	XE7740	XE7745	R6715	R6725	R7715	R7725	R570	R470	R670	R770
AMD	MI300X OAM										
AMD	MI210										
Intel	Gaudi3 PCIe	✓									
Intel	Gaudi3 OAM										
Intel	Flex 140										
NVIDIA	H200 NVL	✓	✓								
NVIDIA	H100 NVL	✓	✓			✓	✓				✓
NVIDIA	B200 SXM (x8) DLC										
NVIDIA	H200 SXM5 (x8) DLC										
NVIDIA	H200 SXM5 (x8) AC										
NVIDIA	H100 SXM5 (x8)										
NVIDIA	H100 SXM5 (x4)										
NVIDIA	L40S		✓			✓	✓	✓			
NVIDIA	L40										
NVIDIA	A16	✓				✓	✓				✓
NVIDIA	L4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NVIDIA	L4										
NVIDIA	A2										
NVIDIA	A2 (v2)										
NVIDIA	A2										
NVIDIA	A2 (v2)										
NVIDIA	A10										

Server Compatibility Legend: ✓ = Supported

16th Generation servers

Brand	Model	XE9685L	XE9680L	XE9680	XE9640	XE8640	R760xa	R760	R760xs	R760xd2	R660
AMD	MI300X OAM			✓							
AMD	MI210						✓				
Intel	Gaudi3 PCIe										
Intel	Gaudi3 OAM			✓							
Intel	Flex 140						✓	✓			✓
NVIDIA	H200 NVL										
NVIDIA	H100 NVL						✓				
NVIDIA	B200 SXM (x8) DLC	✓	✓								
NVIDIA	H200 SXM5 (x8) DLC		✓								
NVIDIA	H200 SXM5 (x8) AC			✓							
NVIDIA	H100 SXM5 (x8)			✓							
NVIDIA	H100 SXM5 (x4)				✓	✓					
NVIDIA	L40S						✓	✓			
NVIDIA	L40						✓	✓			
NVIDIA	A16						✓	✓			
NVIDIA	L4										✓
NVIDIA	L4						✓	✓		✓	✓
NVIDIA	A2										
NVIDIA	A2 (v2)						✓		✓		
NVIDIA	A2										
NVIDIA	A2 (v2)						✓	✓		✓	✓
NVIDIA	A10										

Server Compatibility Legend: ✓ = Supported

16th Generation servers

Brand	Model	R7625	R7615	R6625	R6615	R960	T360	T560	C6620	XR8620t	XR7620	XR5610	HS5620
AMD	MI300X OAM												
AMD	MI210	✓	✓										
Intel	Gaudi3 PCIe												
Intel	Gaudi3 OAM												
Intel	Flex 140												
NVIDIA	H200 NVL												
NVIDIA	H100 NVL	✓	✓										
NVIDIA	B200 SXM (x8) DLC												
NVIDIA	H200 SXM5 (x8) DLC												
NVIDIA	H200 SXM5 (x8) AC												
NVIDIA	H100 SXM5 (x8)												
NVIDIA	H100 SXM5 (x4)												
NVIDIA	L40S	✓	✓			✓					✓		
NVIDIA	L40	✓	✓					✓					
NVIDIA	A16	✓	✓			✓							
NVIDIA	L4										✓		
NVIDIA	L4	✓	✓	✓	✓			✓		✓	✓	✓	
NVIDIA	A2												
NVIDIA	A2 (v2)								✓		✓		✓
NVIDIA	A2						✓						
NVIDIA	A2 (v2)	✓	✓	✓	✓		✓	✓			✓	✓	
NVIDIA	A10												

Server Compatibility Legend: ✓ = Supported

15th Generation servers

Brand	Model	R750	R650	R6525	R7525	XR4520C	XR12	XR11
AMD	MI300X OAM							
AMD	MI210				✓			
Intel	Gaudi3 PCIe							
Intel	Gaudi3 OAM							
Intel	Flex 140	✓	✓				✓	✓
NVIDIA	H200 NVL							
NVIDIA	H100 NVL							
NVIDIA	B200 SXM (x8) DLC							
NVIDIA	H200 SXM5 (x8) DLC							
NVIDIA	H200 SXM5 (x8) AC							
NVIDIA	H100 SXM5 (x8)							
NVIDIA	H100 SXM5 (x4)							
NVIDIA	L40S							
NVIDIA	L40	✓			✓			
NVIDIA	A16	✓			✓			
NVIDIA	L4	✓	✓		✓		✓	✓
NVIDIA	L4	✓	✓		✓	✓	✓	✓
NVIDIA	A2							✓
NVIDIA	A2 (v2)	✓	✓	✓	✓			✓
NVIDIA	A2	✓			✓		✓	✓
NVIDIA	A2 (v2)	✓	✓	✓	✓	✓	✓	✓
NVIDIA	A10	✓			✓			

Server Compatibility Legend: ✓ = Supported

PLATFORM	NVIDIA GPUs												
	H100 80GB PCIe	B200 DLC	H200 NVL	H100 NVL	H200 SXM5 (x8) DLC	H200 SXM5 (x8) AC	A100 80GB PCIe	H100 SXM5 (X8)	H100 SXM5 (X4)	L40S	L4	A16	
XE7745			Shipping (8)							Shipping (8)			
XE7740	Shipping (8)												
R770				Shipping (2)						Shipping (2)	Shipping (4)		
R670											Shipping (4)		
R570											Shipping (4)		
R470											Shipping (2)		
R7725										Shipping (2)	Shipping (6)	Shipping (2)	
R7715										Shipping (3)	Shipping (6)	Shipping (3)	
R6725											Shipping (3)		
R6715											Shipping (3)		
XE9685L		Shipping in EMEA & APJ											
XE9680L	Shipping				Shipping								
XE9680						Shipping						Shipping	
XE9640									Shipping				
XE8640									Shipping				
R760xa	Shipping (4 ³)			Shipping (4 ³)			Shipping (4 ³)			Shipping (4 ³)	Shipping (8 ³)	Shipping (4 ³)	
R760	Shipping (2)			Shipping (2)				Shipping (2)		Shipping (2)	Shipping (4)	Shipping (2)	
R760xs													
R760xd2											Shipping (2)		
R660											Shipping (3)		
R7625	Shipping (2)			Shipping (2)				Shipping (2)		Shipping (2)	Shipping (4)	Shipping (2)	
R7615	Shipping (3)			Shipping (3)			Shipping (3)			Shipping (3)	Shipping (4)	Shipping (3)	
R6625											Shipping (3)		
R6615											Shipping (2)		
R960							Shipping (4)				Shipping (4)		Shipping (4)
T560											Shipping (5)		
R360													
T360													

(qty) - max number of GPUs allowed, maximum number of GPUs allowed might differ in different configurations on the same platform

PLATFORM	NVIDIA GPUs											
	H100 80GB PCIe	B200 DLC	H200 NVL	H100 NVL	H200 SXM5 (x8) DLC	H200 SXM5 (x8) AC	A100 80GB PCIe	H100 SXM5 (X8)	H100 SXM5 (X4)	L40S	L4	A16
C6620												
XR7620							Shipping (2)			Shipping (2)		Shipping (5)
XR5610												Shipping (2)
XR8620t												Shipping (3)
HS5620												
R750	Shipping (2)						Shipping (2)					Shipping (6) Shipping (2)
R650												Shipping (3)
R7525	Shipping (2)						Shipping (3)					Shipping (6) Shipping (3)
R6525												
XR4520c												Shipping (2)
XR12							Shipping (2)					Shipping (3)
XR11												Shipping (3)

(qty) - max number of GPUs allowed, maximum number of GPUs allowed might differ in different configurations on the same platform

PLATFORM	AMD GPUs				Intel GPUs		
	MI210	MI300X OAM (x8)	MI355X	MI350X	Flex 140	Gaudi3 PCIe	Gaudi3 OAM
XE7745							
XE7740							
R770							
R660							
R570							
R470							
R7725							
R7715							
R6725							
R6715							
XE9685L							
XE9680L							
XE9680		Shipping					Shipping
XE9640							
XE8640							
R760xa	Shipping (4 ³)				Shipping (10 ³)*		
R760					Shipping (6)*		
R760xs							
R760xd2							
R660					Shipping (3)*		
R7625	Shipping (2)						
R7615	Shipping (3)						
R6625							
R6615							
R960							
T560							
C6620							
XR7620							
XR5610							
XR8620t							
R750					Shipping (6)		
R650					Shipping (2)		
R7525	Shipping (3)						
R6525							
XR4520c							
XR12					Shipping (2)		
XR11					Shipping (3)		

(qty) - max number of GPUs allowed, maximum number of GPUs allowed might differ in different configurations on the same platform

Suggested ideal workloads, but can be used for other workloads

Different SKUs are mentioned because different platforms might support different SKUs. This sheet doesn't specifically call out platform-SKU associations

up to 600GB/sec for H100 when NVLink bridge is used, up to 200GB/sec when NVLink bridge is used, up to 112.5GB/sec when NVLink bridge is used, up to 300GB/sec for MI210 when Infinity Fabric Link bridge is used

w/NVLink bridge is supported on R760xa, w/NVLink bridge is supported on R760xa, MI210 w/Infinity Fabric Link bridge is supported on R760xa

DW - Double Wide, SW - Single Wide, FH- Full Height, FL - Full Length, HH - Half Height, HL - Half Length

* Currently available as Customer Install only



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