

# Tower and Rack GPU

speeds and feeds

NVIDIA GPUs	Memory	Mem Band	CUDA Cores	Tensor Cores	RT Cores	Power	Video Ports	Form Factor	Generation/Architecture	Launch as FI/EOL	VirtualLink	VR Ready
<a href="#">RTX A6000 &gt;</a>	48GB GDDR6 ECC	768 GB/s	10,752	336 (3rd gen)	84 (2nd gen)	300W	4-DP1.4a	Dual Slot	Current – Ampere	FI Q2 CY21	–	Yes
<a href="#">RTX A5000 &gt;</a>	24GB GDDR6 ECC	768 GB/s	8,192	256 (3rd gen)	64 (2nd gen)	230W	4-DP1.4a	Dual Slot	Upcoming – Ampere	August 2021	–	Yes
<a href="#">RTX A4000 &gt;</a>	16GB GDDR6	512 GB/s	6,144	192 (3rd gen)	48 (2nd gen)	140W	4-DP1.4a	Single Slot	Upcoming – Ampere	August 2021	–	Yes
<a href="#">Quadro RTX8000 &gt;</a>	48GB GDDR6	672 GB/s	4,608	576	72	295W	4-DP1.4a, USB-C	Dual Slot	Current – Turing	–	1	Yes
<a href="#">Quadro RTX6000 &gt;</a>	24GB GDDR6	672 GB/s	4,608	576	72	295W	4-DP1.4a, USB-C	Dual Slot	Current – Turing	–	1	Yes
<a href="#">Quadro RTX5000 &gt;</a>	16GB GDDR6	448 GB/s	3,072	384	48	265W	4-DP1.4a, USB-C	Dual Slot	Current – Turing	–	1	Yes
<a href="#">Quadro RTX4000 &gt;</a>	8GB GDDR6	416 GB/s	2,304	288	36	160W	3-DP1.4a, USB-C	Single Slot	Current – Turing	–	1	Yes
<a href="#">RTX A3000 &gt;</a>	6GB GDDR6	336 GB/s	1,920	240	30	65W	4-mDP1.4a	Custom Dual Slot	Current – Turing	–	-	Yes
<a href="#">Quadro GV100 &gt;</a>	32GB HBM2	870 GB/s	5,120	640	–	250W	4-DP	Dual Slot	Current – Volta	–	1	Yes
<b>T1000</b>	4GB GDDR6	160 GB/s	896	–	–	50W	4-DP1.4a	Single Slot	Upcoming – Turing	–	–	–
<b>T600</b>	4GB GDDR6	160 GB/s	640	–	–	40W	4-mDP1.4	Single Slot	Upcoming – Turing	–	–	–
<b>T400</b>	2GB GDDR6	80 GB/s	384	–	–	30W	3-mDP1.4	Single Slot	Upcoming – Turing	–	–	–
<a href="#">Quadro P2200 &gt;</a>	5GB GDDR5X	200 GB/s	1,280	–	–	75W	4-DP	Single Slot	Current – Pascal	–	–	–
<a href="#">Quadro P1000 &gt;</a>	4GB GDDR5	80 GB/s	640	–	–	47W	4-mDP1.4	Single Slot	Current – Pascal	–	–	–
<a href="#">Quadro P620 &gt;</a>	2GB GDDR5	80 GB/s	512	–	–	40W	4-mDP1.4	Single Slot	Current – Pascal	–	–	–
<a href="#">Quadro P400 &gt;</a>	2GB GDDR5	32 GB/s	256	–	–	30W	4-mDP1.4	Single Slot	Current – Pascal	–	–	–



# Graphics card

to Dell Precision workstation guide

Fixed

		Professional GPUs															
		NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	NVIDIA	
		Quadro	RTX	RTX	RTX	RTX	RTX	RTX	Quadro	Quadro	Quadro	Quadro	Quadro	Quadro	Quadro	Quadro	
		Volta	Ampere	Ampere	Ampere	Turing	Turing	Turing	Turing	Turing	Turing	Turing	Turing	Pascal	Pascal	Pascal	Pascal
		<a href="#">GV100 &gt;</a>	<a href="#">RTX A6000 &gt;</a>	<a href="#">RTX A5000 &gt;</a>	<a href="#">RTX A4000 &gt;</a>	<a href="#">T1000</a>	<a href="#">T600</a>	<a href="#">T400</a>	<a href="#">RTX8000 &gt;</a>	<a href="#">RTX6000 &gt;</a>	<a href="#">RTX5000 &gt;</a>	<a href="#">RTX4000 &gt;</a>	<a href="#">RTX3000 &gt;</a>	<a href="#">P2200 &gt;</a>	<a href="#">P1000 &gt;</a>	<a href="#">P620 &gt;</a>	<a href="#">P400 &gt;</a>
Quantity of supported Graphics cards per system	Compact 3240	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1
	Tower 3440	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
	Tower 3640	-	-	-	-	-	-	-	-	-	1	1-2	-	1-2	1-2	1-2	1-2
	Tower 3450	-	-	-	-	-	-	-	-	-	-	-	-	-	1-2	1	1
	Tower 3650	-	-	-	*	*	*	*	-	-	1	1-2	-	1-2	1-2	1-2	1-2
	Tower 5820	1-2	*1-2	*1-2	*1-2	-	-	-	1-2	1-2	1-2	1-2	-	1-2	1-2	1-2	1-2
	Tower 7820	1-2	*1-2	*1-2	*1-2	-	-	-	1-2	1-2	1-2	1-2	-	1-2	1-2	1-2	1-2
	Tower 7920	1-3	*1-3	*1-3	*1-4	-	-	-	1-3	1-3	1-3	1-4	-	1-4	1-4	1-4	1-4
	Rack 3930R	-	-	-	*1-2	-	-	-	-	1	1	1-2	-	1-2	1-2	1-2	1-2
	Rack 7920R	1-3	*1-3	-	*1-3	-	-	-	1-3	1-3	1-3	1-3	-	1-3	-	1-3	1-3
	Launch / EOL	-	June 21'	August 21'	August 21'	June/July	June/July	June/July	-	-	-	-	-	-	-	-	-
	Cust Kit SKU	490-BENN	490-BGSR	TBD	TBD	TBD	TBD	TBD	490-BFQT	490-BFCZ	490-BFDB	490-BFCY	n/a	490-BFQQ	490-BDXN	490-BEQV	490-BDTB
NVlink SKU	490-BESW	AB548900	AB548900	N/A	-	-	-	490-BFHK	490-BFHK	490-BFHL	-	-	-	-	-	-	

\*Assumed, pending Dell validation & always with largest power supply.