

Quadro PCIe	Full height				Low profile			
								
GPU	RTX 6000 Ada	RTX 5000 Ada	RTX 4500 Ada	RTX 4000 Ada	RTX 4000 SFF Ada	RTX 2000 Ada	RTX A1000	RTX A400
Advantech PN	SKY-QUAD-6000A-48	SKY-QUAD-5000A-32	SKY-QUAD-4500A-24	SKY-QUAD-4000A-20	SKY-QUAD-4000SA-20	SKY-QUAD-2000A-16	SKY-QUAD-A1000-8	SKY-QUAD-A400-4
GPU Architecture	Ada Lovelace	Ada Lovelace	Ada Lovelace	Ada Lovelace	Ada Lovelace	Ada Lovelace	Ampere	Ampere
Form Factor Dimension(inch)	Dual slot 4.4(H)x10.5(L)	Dual slot 4.4(H)x10.5(L)	Dual slot 4.4(H)x10.5(L)	Dual slot 4.4(H)x9.5(L)	Dual slot 2.7(H)x6.6(L)	Dual slot 2.7(H)x6.6(L)	Single slot 2.7(H)x6.4(L)	Single slot 2.7(H)x6.4(L)
CUDA Cores	18176	12800	7,680	6144	6144	2816	2304	768
Tensor Cores	568	400	240	192	192	88	72	24
RT Cores	142	100	60	48	48	22	18	6
FP32 (TFLOPS)	91.1	65.3	39.6	26.7	19.2	12.0	6.74	2.7
RT Cores Performance (TFLOPS)	210.6	151	91.6	61.8	44.3	27.7	13.2	5.3
Tensor Cores Performance (TFLOPS)	1457	1044.4	640	427.6	306.8	191.9	107.8	21.7
Memory Size	48 GB GDDR6 w/ECC	32 GB GDDR6 w/ECC	24 GB GDDR6 w/ECC	20 GB GDDR6 w/ECC	20 GB GDDR6 w/ECC	16 GB GDDR6 w/ECC	8 GB GDDR6	4 GB GDDR6
Memory Bandwidth	960 GB / s	576 GB / s	432 GB / s	360 GB / s	280 GB / s	224 GB / s	192 GB / s	96 GB / s
Display Connectors	4 x DP 1.4				4 x mDP 1.4			
Max Power	300W	250W	210W	130W	70W	70W	50W	50W
Power Connector	CEM5 16-pin				-			
Graphics Bus	PCIe4.0x16	PCIe4.0x16	PCIe4.0x16	PCIe4.0x16	PCIe4.0x16	PCIe4.0x8	PCIe4.0x8	PCIe4.0x8