NVIDIA GeForce GTX 1660 Super 6GB vs NVIDIA Quadro RTX 8000 48GB

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA GeForce GTX 1660 Super 6GB	NVIDIA Quadro RTX 8000 48GB
FP32 TFLOPS	**5.0**	**16.3**
Memory	**6 GB**	**48 GB**
Memory Bandwidth	**336 GB/s**	**672 GB/s**
TDP	**125 W**	**295 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce GTX 1660 Super 6GB peak TFLOPS (dense)	NVIDIA Quadro RTX 8000 48GB peak TFLOPS (dense)
FP64	0.2	0.5
FP32	5.0	16.3
TF32	—	—
BF16	—	—
FP16	10.1	130.5
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	261.0
INT4	—	522.0

SPECIFICATIONS

	NVIDIA GeForce GTX 1660 Super 6GB	NVIDIA Quadro RTX 8000 48GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2019	2018
Form Factor	PCIe	PCIe

	NVIDIA GeForce GTX 1660 Super 6GB	NVIDIA Quadro RTX 8000 48GB
Memory Type	GDDR6	GDDR6
Interface Width	192-bit	384-bit
Interconnect	–	NVLink
TDP	125 W	295 W
FP32 Efficiency	0.04 TFLOPS/W	0.06 TFLOPS/W