

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

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

OVERVIEW

	NVIDIA GeForce GTX 1660 6GB	NVIDIA Quadro RTX 8000 48GB
FP32 TFLOPS	5.0	16.3
Memory	6 GB	48 GB
Memory Bandwidth	192 GB/s	672 GB/s
TDP	120 W	295 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce GTX 1660 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 6GB	NVIDIA Quadro RTX 8000 48GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2019	2018
Form Factor	PCIe	PCIe
Memory Type	GDDR5	GDDR6

	NVIDIA GeForce GTX 1660 6GB	NVIDIA Quadro RTX 8000 48GB
Interface Width	192-bit	384-bit
Interconnect	—	NVLink
TDP	120 W	295 W
FP32 Efficiency	0.04 TFLOPS/W	0.06 TFLOPS/W