

Intel Arc B570 10GB vs NVIDIA GeForce RTX 4080 Super 16GB

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

OVERVIEW

	Intel Arc B570 10GB	NVIDIA GeForce RTX 4080 Super 16GB
FP32 TFLOPS	—	52.2
Memory	10 GB	16 GB
Memory Bandwidth	380 GB/s	736 GB/s
TDP	150 W	320 W

PERFORMANCE BY PRECISION

Precision	Intel Arc B570 10GB peak TFLOPS (dense)	NVIDIA GeForce RTX 4080 Super 16GB peak TFLOPS (dense)
FP64	—	0.8
FP32	—	52.2
TF32	—	52.2
BF16	—	104.4
FP16	—	104.4
FP8	—	208.9
FP6	—	—
FP4	—	—
INT8	203.0	417.8

SPECIFICATIONS

	Intel Arc B570 10GB	NVIDIA GeForce RTX 4080 Super 16GB
Architecture	Battlemage	Ada Lovelace
Process Node	5nm	4nm
Launch Year	2024	2024
Form Factor	PCIe	PCIe
Memory Type	GDDR6	—
Interface Width	160-bit	—
Interconnect	—	—

	Intel Arc B570 10GB	NVIDIA GeForce RTX 4080 Super 16GB
TDP	150 W	320 W
FP32 Efficiency	—	0.16 TFLOPS/W