Intel Arc A380 6GB vs NVIDIA GeForce RTX 3060 Ti 8GB

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

OVERVIEW

	Intel Arc A380 6GB	NVIDIA GeForce RTX 3060 Ti 8GB
FP32 TFLOPS	—	**16.2**
Memory	**6 GB**	**8 GB**
Memory Bandwidth	**186 GB/s**	—
TDP	**75 W**	**200 W**

PERFORMANCE BY PRECISION

Precision	Intel Arc A380 6GB peak TFLOPS (dense)	NVIDIA GeForce RTX 3060 Ti 8GB peak TFLOPS (dense)
FP64	—	0.3
FP32	—	16.2
TF32	—	16.2
BF16	—	32.4
FP16	—	32.4
FP8	—	—
FP6	—	—
FP4	—	—
INT8	66.0	129.6
INT4	—	259.1

SPECIFICATIONS

	Intel Arc A380 6GB	NVIDIA GeForce RTX 3060 Ti 8GB
Architecture	Alchemist	Ampere
Process Node	6nm	8nm
Launch Year	2022	2020
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	96-bit	256-bit

	Intel Arc A380 6GB	NVIDIA GeForce RTX 3060 Ti 8GB
Interconnect	–	–
TDP	75 W	200 W
FP32 Efficiency	–	0.08 TFLOPS/W