



Intel Arc Pro A60 12GB vs Intel Arc A580 8GB

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

OVERVIEW

	Intel Arc Pro A60 12GB	Intel Arc A580 8GB
FP32 TFLOPS	10.0	—
VRAM	12 GB	8 GB
Memory Bandwidth	384 GB/s	512 GB/s
TDP	130 W	185 W

PERFORMANCE BY PRECISION

Precision	Intel Arc Pro A60 12GB peak TFLOPS (dense)	Intel Arc A580 8GB peak TFLOPS (dense)
FP64	—	—
FP32	10.0	—
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	151.0	197.0

SPECIFICATIONS

	Intel Arc Pro A60 12GB	Intel Arc A580 8GB
Architecture	Alchemist	Alchemist
Process Node	6nm	6nm
Launch Year	2023	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	192-bit	256-bit
Interconnect	—	—

	Intel Arc Pro A60 12GB	Intel Arc A580 8GB
TDP	130 W	185 W
FP32 Efficiency	0.08 TFLOPS/W	—