Graphcore C600 vs NVIDIA RTX 5880 Ada 48GB

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

OVERVIEW

	Graphcore C600	NVIDIA RTX 5880 Ada 48GB
FP32 TFLOPS	–	69.3
Memory	–	48 GB
Memory Bandwidth	–	960 GB/s
TDP	185 W	285 W

PERFORMANCE BY PRECISION

Precision	Graphcore C600 peak TFLOPS (dense)	NVIDIA RTX 5880 Ada 48GB peak TFLOPS (dense)
FP64	–	–
FP32	–	69.3
TF32	–	–
BF16	–	–
FP16	280.0	–
FP8	560.0	554.2
FP6	–	–
FP4	–	–
INT8	–	–

SPECIFICATIONS

	Graphcore C600	NVIDIA RTX 5880 Ada 48GB
Architecture	Colossus MK2	Ada Lovelace
Process Node	–	4nm
Launch Year	2022	2024
Form Factor	PCIe	PCIe
Memory Type	On-die SRAM	GDDR6
Interface Width	–	384-bit
Interconnect	IPU-Link	–

	Graphcore C600	NVIDIA RTX 5880 Ada 48GB
TDP	185 W	285 W
FP32 Efficiency	–	0.24 TFLOPS/W