MetaX C500 vs NVIDIA RTX 5880 Ada 48GB

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

OVERVIEW

	MetaX C500	NVIDIA RTX 5880 Ada 48GB
FP32 TFLOPS	**18.0**	**69.3**
Memory	**64 GB**	**48 GB**
Memory Bandwidth	**—**	**960 GB/s**
TDP	**350 W**	**285 W**

PERFORMANCE BY PRECISION

Precision	MetaX C500 peak TFLOPS (dense)	NVIDIA RTX 5880 Ada 48GB peak TFLOPS (dense)
FP64	—	—
FP32	18.0	69.3
TF32	140.0	—
BF16	280.0	—
FP16	280.0	—
FP8	—	554.2
FP6	—	—
FP4	—	—
INT8	560.0	—

SPECIFICATIONS

	MetaX C500	NVIDIA RTX 5880 Ada 48GB
Architecture	XCORE GPGPU	Ada Lovelace
Process Node	7nm	4nm
Launch Year	2023	2024
Form Factor	PCIe	PCIe
Memory Type	HBM2E	GDDR6
Interface Width	—	384-bit
Interconnect	MetaXLink	—

	MetaX C500	NVIDIA RTX 5880 Ada 48GB
TDP	350 W	285 W
FP32 Efficiency	0.05 TFLOPS/W	0.24 TFLOPS/W