Cambricon MLU370-X8 vs NVIDIA RTX PRO 4000 Blackwell SFF 24GB

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

OVERVIEW

	Cambricon MLU370-X8	NVIDIA RTX PRO 4000 Blackwell SFF 24GB
FP32 TFLOPS	**24.0**	**24.0**
Memory	**48 GB**	**24 GB**
Memory Bandwidth	**614 GB/s**	**432 GB/s**
TDP	**250 W**	**70 W**

PERFORMANCE BY PRECISION

Precision	Cambricon MLU370-X8 peak TFLOPS (dense)	NVIDIA RTX PRO 4000 Blackwell SFF 24GB peak TFLOPS (dense)
FP64	—	—
FP32	24.0	24.0
TF32	—	—
BF16	96.0	—
FP16	96.0	—
FP8	—	—
FP6	—	—
FP4	—	385.0
INT8	256.0	—

SPECIFICATIONS

	Cambricon MLU370-X8	NVIDIA RTX PRO 4000 Blackwell SFF 24GB
Architecture	MLUarch03	Blackwell
Process Node	TSMC 7nm	4nm
Launch Year	2022	2025
Form Factor	PCIe	PCIe
Memory Type	LPDDR5	GDDR7

	Cambricon MLU370-X8	NVIDIA RTX PRO 4000 Blackwell SFF 24GB
Interface Width	—	192-bit
Interconnect	MLU-Link	—
TDP	250 W	70 W
FP32 Efficiency	0.10 TFLOPS/W	0.34 TFLOPS/W