Iluvatar CoreX BI-V100 Tiangai 100 vs NVIDIA RTX PRO 4000 Blackwell 24GB

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

OVERVIEW

	Iluvatar CoreX BI-V100 Tiangai 100	NVIDIA RTX PRO 4000 Blackwell 24GB
FP32 TFLOPS	—	**37.0**
Memory	**32 GB**	**24 GB**
Memory Bandwidth	**1.2 TB/s**	**672 GB/s**
TDP	**250 W**	**145 W**

PERFORMANCE BY PRECISION

Precision	Iluvatar CoreX BI-V100 Tiangai 100 peak TFLOPS (dense)	NVIDIA RTX PRO 4000 Blackwell 24GB peak TFLOPS (dense)
FP64	—	—
FP32	—	37.0
TF32	—	—
BF16	147.0	—
FP16	147.0	—
FP8	—	—
FP6	—	—
FP4	—	589.0
INT8	—	—

SPECIFICATIONS

	Iluvatar CoreX BI-V100 Tiangai 100	NVIDIA RTX PRO 4000 Blackwell 24GB
Architecture	CoreX GPGPU	Blackwell
Process Node	7nm	4nm
Launch Year	2021	2025
Form Factor	PCIe	PCIe
Memory Type	HBM2	GDDR7
Interface Width	—	192-bit

	Iluvatar CoreX BI-V100 Tiangai 100	NVIDIA RTX PRO 4000 Blackwell 24GB
Interconnect	—	—
TDP	250 W	145 W
FP32 Efficiency	—	0.26 TFLOPS/W