

NVIDIA RTX 4000 SFF Ada 20GB vs Tenstorrent Wormhole n150s

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

OVERVIEW

	NVIDIA RTX 4000 SFF Ada 20GB	Tenstorrent Wormhole n150s
FP32 TFLOPS	19.2	—
Memory	20 GB	12 GB
Memory Bandwidth	280 GB/s	288 GB/s
TDP	70 W	160 W

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX 4000 SFF Ada 20GB peak TFLOPS (dense)	Tenstorrent Wormhole n150s peak TFLOPS (dense)
FP64	0.3	—
FP32	19.2	—
TF32	—	—
BF16	—	—
FP16	—	74.0
FP8	153.4	262.0
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	NVIDIA RTX 4000 SFF Ada 20GB	Tenstorrent Wormhole n150s
Architecture	Ada Lovelace	Wormhole
Process Node	4nm	—
Launch Year	2023	2024
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	160-bit	—
Interconnect	—	2x QSFP-DD 200G

	NVIDIA RTX 4000 SFF Ada 20GB	Tenstorrent Wormhole n150s
TDP	70 W	160 W
FP32 Efficiency	0.27 TFLOPS/W	—