

NVIDIA Quadro RTX 6000 24GB vs Tenstorrent Wormhole n300s

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

OVERVIEW

	NVIDIA Quadro RTX 6000 24GB	Tenstorrent Wormhole n300s
FP32 TFLOPS	16.3	—
Memory	24 GB	24 GB
Memory Bandwidth	672 GB/s	576 GB/s
TDP	295 W	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA Quadro RTX 6000 24GB peak TFLOPS (dense)	Tenstorrent Wormhole n300s peak TFLOPS (dense)
FP64	0.5	—
FP32	16.3	—
TF32	—	—
BF16	—	—
FP16	130.5	131.0
FP8	—	466.0
FP6	—	—
FP4	—	—
INT8	261.0	—
INT4	522.0	—

SPECIFICATIONS

	NVIDIA Quadro RTX 6000 24GB	Tenstorrent Wormhole n300s
Architecture	Turing	Wormhole
Process Node	12nm	—
Launch Year	2018	2024
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	384-bit	—

	NVIDIA Quadro RTX 6000 24GB	Tenstorrent Wormhole n300s
Interconnect	NVLink	2x QSFP-DD 200G
TDP	295 W	300 W
FP32 Efficiency	0.06 TFLOPS/W	—