

Tenstorrent Blackhole p100a vs Tenstorrent Wormhole n300s

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

OVERVIEW

	Tenstorrent Blackhole p100a	Tenstorrent Wormhole n300s
FP32 TFLOPS	—	—
Memory	28 GB	24 GB
Memory Bandwidth	448 GB/s	576 GB/s
TDP	300 W	300 W

PERFORMANCE BY PRECISION

Precision	Tenstorrent Blackhole p100a peak TFLOPS (dense)	Tenstorrent Wormhole n300s peak TFLOPS (dense)
FP64	—	—
FP32	—	—
TF32	—	—
BF16	—	—
FP16	—	131.0
FP8	664.0	466.0
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	Tenstorrent Blackhole p100a	Tenstorrent Wormhole n300s
Architecture	Blackhole	Wormhole
Process Node	—	—
Launch Year	—	2024
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	—	—
Interconnect	—	2x QSFP-DD 200G

	Tenstorrent Blackhole p100a	Tenstorrent Wormhole n300s
TDP	300 W	300 W
FP32 Efficiency	—	—