

Tenstorrent Blackhole p100a vs Tenstorrent Blackhole p150a

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

OVERVIEW

	Tenstorrent Blackhole p100a	Tenstorrent Blackhole p150a
FP32 TFLOPS	—	—
VRAM	28 GB	32 GB
Memory Bandwidth	448 GB/s	512 GB/s
TDP	300 W	300 W

PERFORMANCE BY PRECISION

Precision	Tenstorrent Blackhole p100a peak TFLOPS (dense)	Tenstorrent Blackhole p150a peak TFLOPS (dense)
FP64	—	—
FP32	—	—
TF32	—	—
BF16	—	—
FP16	—	—
FP8	664.0	664.0
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	Tenstorrent Blackhole p100a	Tenstorrent Blackhole p150a
Architecture	Blackhole	Blackhole
Process Node	—	—
Launch Year	—	—
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	—	—
Interconnect	—	4x QSFP-DD 800G (Passive)

	Tenstorrent Blackhole p100a	Tenstorrent Blackhole p150a
TDP	300 W	300 W
FP32 Efficiency	—	—