



Tenstorrent Blackhole p150a

Blackhole

PCIe

OVERVIEW

— FP32 TFLOPS	32 GB VRAM GDDR6	512 GB/s Memory Bandwidth	300 W TDP
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PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP8	664.0	8	Standard

MEMORY SPECIFICATIONS

Capacity	32 GB
Type	GDDR6
Bandwidth	512 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	300 W
Est. Max Power	345 W
FP32 Efficiency	—
FP16 Efficiency	—

HARDWARE DETAILS

Vendor: Tenstorrent	Architecture: Blackhole	Process Node: —
Form Factor: PCIe	Launch Year: —	Variant: p150a

COMPUTE ENGINE

Tensix: 120

INTERCONNECT

GPU-to-GPU: 4x QSFP-DD 800G PCIe: 5.0 x16 (Passive)