



Tenstorrent Blackhole p100a

Blackhole

PCIe

OVERVIEW

— FP32 TFLOPS	28 GB VRAM GDDR6	448 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	28 GB
Type	GDDR6
Bandwidth	448 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: p100a

COMPUTE ENGINE

Tensix: 120

INTERCONNECT

PCIe: 5.0 x16