NVIDIA T1000 8GB Datasheet

Turing | PCIe | 2021 | 12nm

OVERVIEW

2.5	8 GB	160 GB/s	50 W
FP32 TFLOPS	Memory GDDR6	Memory Bandwidth	TDP

PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	0.1	64	Standard
FP32	2.5	32	Standard
TF32	–	—	Standard
BF16	–	—	Standard
FP16	5.0	16	Standard
FP8	–	—	Standard
FP6	–	—	Standard
FP4	–	—	Standard
INT8	–	—	Standard

MEMORY SPECIFICATIONS

Capacity	8 GB
Type	GDDR6
Bandwidth	160 GB/s
Interface Width	128-bit

POWER & EFFICIENCY

TDP	50 W
Max power	50 W
FP32 dense TFLOPS per W of TDP	0.05 TFLOPS/W
FP16 dense TFLOPS per W of TDP	0.10 TFLOPS/W

Per W of TDP figures divide dense peak by accelerator TDP. Board power only: excludes host CPUs, networking, cooling and facility overhead.

HARDWARE DETAILS

Vendor: NVIDIA
Architecture: Turing
Process Node: 12nm
Form Factor: PCIe
Launch Year: 2021
Variant: 8GB

COMPUTE ENGINE

CUDA Cores: 896
SMs: 14

INTERCONNECT

PCIe: 3.0 x16

ENTERPRISE FEATURES

Sparsity: No