# NVIDIA T1000 4GB Datasheet

Turing | PCIe | 2021 | 12nm

## OVERVIEW

| 2.5 | 4 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 | 4 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: 4GB

## COMPUTE ENGINE

CUDA Cores: 896
SMs: 14

## INTERCONNECT

PCIe: 3.0 x16

## ENTERPRISE FEATURES

Sparsity: No