

NVIDIA GeForce GTX 1660 Super 6GB

Turing

PCIe

2019

12nm

OVERVIEW

5.0 FP32 TFLOPS	6 GB Memory GDDR6	336 GB/s Memory Bandwidth	125 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	0.2	64	Standard
FP32	5.0	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	10.1	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	—	—	Standard

MEMORY SPECIFICATIONS

Capacity	6 GB
Type	GDDR6
Bandwidth	336 GB/s
Interface Width	192-bit

POWER & EFFICIENCY

TDP	125 W
Max power	125 W
FP32 dense TFLOPS per W of TDP	0.04 TFLOPS/W
FP16 dense TFLOPS per W of TDP	0.08 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: 2019	Variant: 6GB

COMPUTE ENGINE

CUDA Cores: 1,408	SMs: 22	Base Clock: 1.53 GHz
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Boost Clock: 1.78 GHz

INTERCONNECT

PCIe: 3.0 x16

ENTERPRISE FEATURES

ECC: No

Sparsity: No