



NVIDIA GeForce RTX 5060 Ti 16GB

Blackwell PCIe 2025 4nm

OVERVIEW

23.7 FP32 TFLOPS	16 GB VRAM GDDR7	448 GB/s Memory Bandwidth	180 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	2:4 Sparse	Bits	Type
FP64	0.4	N/A	64	Standard
FP32	23.7	N/A	32	Standard
TF32	23.7	not published	32	Standard
BF16	47.4	not published	16	Standard
FP16	94.9	not published	16	Standard
FP8	189.8	not published	8	Standard
FP6	—	not published	—	Standard
FP4	379.5	759.0	4	Standard
INT8	189.8	not published	8	Standard

MEMORY SPECIFICATIONS

Capacity	16 GB
Type	GDDR7
Bandwidth	448 GB/s
Interface Width	128-bit

POWER & EFFICIENCY

TDP	180 W
Max Power	180 W
FP32 Efficiency	0.13 TFLOPS/W
FP16 Efficiency	0.53 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Blackwell	Process Node: 4nm
Form Factor: PCIe	Launch Year: 2025	Variant: 16GB

COMPUTE ENGINE

CUDA Cores: 4,608	Tensor Cores: 144 (5th Gen)	SMs: 36
Base Clock: 2.41 GHz	Boost Clock: 2.57 GHz	

INTERCONNECT

PCIe: 5.0

ENTERPRISE FEATURES

Sparsity: **Yes**
