



NVIDIA GeForce RTX 5060 8GB

Blackwell

PCIe

2025

4nm

OVERVIEW

19.2 FP32 TFLOPS	8 GB VRAM GDDR7	448 GB/s Memory Bandwidth	145 W TDP
---------------------	--------------------	------------------------------	--------------

PERFORMANCE METRICS

Precision	Peak (dense)	2:4 Sparse	Bits	Type
FP64	0.3	N/A	64	Standard
FP32	19.2	N/A	32	Standard
TF32	19.2	not published	32	Standard
BF16	38.4	not published	16	Standard
FP16	76.8	not published	16	Standard
FP8	153.5	not published	8	Standard
FP6	—	not published	—	Standard
FP4	307.0	614.0	4	Standard
INT8	153.5	not published	8	Standard

MEMORY SPECIFICATIONS

Capacity	8 GB
Type	GDDR7
Bandwidth	448 GB/s
Interface Width	128-bit

POWER & EFFICIENCY

TDP	145 W
Max Power	145 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: 8GB

COMPUTE ENGINE

CUDA Cores: 3,840	Tensor Cores: 120 (5th Gen)	SMs: 30
Base Clock: 2.28 GHz	Boost Clock: 2.50 GHz	

INTERCONNECT

PCIe: 5.0

ENTERPRISE FEATURES

Sparsity: **Yes**
