



NVIDIA RTX PRO 2000 Blackwell 16GB

Blackwell

PCIe

2025

4nm

OVERVIEW

17.0 FP32 TFLOPS	16 GB VRAM GDDR7	288 GB/s Memory Bandwidth	70 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	2:4 Sparse	Bits	Type
FP64	—	N/A	—	Standard
FP32	17.0	N/A	32	Standard
TF32	—	not published	—	Standard
BF16	—	not published	—	Standard
FP16	—	not published	—	Standard
FP8	—	not published	—	Standard
FP6	—	not published	—	Standard
FP4	272.5	545.0	4	Standard
INT8	—	not published	—	Standard

MEMORY SPECIFICATIONS

Capacity	16 GB	TDP	70 W
Type	GDDR7	Max Power	70 W
Bandwidth	288 GB/s	FP32 Efficiency	0.24 TFLOPS/W
Interface Width	128-bit	FP16 Efficiency	—

POWER & EFFICIENCY

HARDWARE DETAILS

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

COMPUTE ENGINE

CUDA Cores: 4,352	SMs: 34
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INTERCONNECT

PCIe: 5.0 x8

ENTERPRISE FEATURES

ECC: **Yes**

Sparsity: **Yes**