



NVIDIA RTX PRO 4000 Blackwell 24GB

Blackwell

PCIe

2025

4nm

OVERVIEW

37.0 FP32 TFLOPS	24 GB VRAM GDDR7	672 GB/s Memory Bandwidth	145 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	2:4 Sparse	Bits	Type
FP64	—	N/A	—	Standard
FP32	37.0	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	589.0	1178.0	4	Standard
INT8	—	not published	—	Standard

MEMORY SPECIFICATIONS

Capacity	24 GB	TDP	145 W
Type	GDDR7	Max Power	145 W
Bandwidth	672 GB/s	FP32 Efficiency	0.26 TFLOPS/W
Interface Width	192-bit	FP16 Efficiency	—

POWER & EFFICIENCY

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Blackwell	Process Node: 4nm
Form Factor: PCIe	Launch Year: 2025	Variant: 24GB

COMPUTE ENGINE

CUDA Cores: 8,960	SMs: 70
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INTERCONNECT

PCIe: 5.0 x16

ENTERPRISE FEATURES

ECC: **Yes**

Sparsity: **Yes**