

NVIDIA RTX PRO 6000D 84GB

Blackwell

PCIe

2025

OVERVIEW

97.0 FP32 TFLOPS	84 GB Memory GDDR7	— Memory Bandwidth	— TDP
---------------------	-----------------------	-----------------------	----------

PERFORMANCE METRICS

Precision	Peak (dense)	2:4 Sparse	Bits	Type
FP64	—	N/A	—	Standard
FP32	97.0	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	—	not published	—	Standard
INT8	—	not published	—	Standard

MEMORY SPECIFICATIONS

Capacity	84 GB
Type	GDDR7
Bandwidth	—
Interface Width	448-bit

POWER & EFFICIENCY

TDP	—
Max power	—
FP32 dense TFLOPS per W of TDP	—
FP16 dense TFLOPS per W of TDP	—
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: Blackwell	Process Node: —
Form Factor: PCIe	Launch Year: 2025	Variant: 84GB

COMPUTE ENGINE

CUDA Cores: 19,968	SMs: 156
--------------------	----------

ENTERPRISE FEATURES

Sparsity: **Yes**
