



NVIDIA RTX PRO 6000 Blackwell Workstation Edition

Blackwell

PCIe

2025

4nm

OVERVIEW

125.0

FP32 TFLOPS

96 GB

VRAM GDDR7

1.8 TB/s

Memory Bandwidth

600 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP4	2000.0	4	Standard
FP32	125.0	32	Standard

MEMORY SPECIFICATIONS

Capacity	96 GB
Type	GDDR7
Bandwidth	1.8 TB/s
Interface Width	512-bit

POWER & EFFICIENCY

TDP	600 W
Est. Max Power	690 W
FP32 Efficiency	0.21 TFLOPS/W
FP16 Efficiency	—

HARDWARE DETAILS

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