NVIDIA B100 SXM 192GB vs NVIDIA RTX PRO 6000 Blackwell Workstation Edition

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA B100 SXM 192GB	NVIDIA RTX PRO 6000 Blackwell Workstation Edition
FP32 TFLOPS	**60.0**	**126.0**
VRAM	**192 GB**	**96 GB**
Memory Bandwidth	**8.0 TB/s**	**1.8 TB/s**
TDP	**700 W**	**600 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA B100 SXM 192GB peak TFLOPS (dense)	NVIDIA RTX PRO 6000 Blackwell Workstation Edition peak TFLOPS (dense)
INT8	3500.0	–
FP8	3500.0	–
FP4	7000.0	–
FP16	1750.0	–
BF16	1750.0	–
TF32	875.0	–
FP32	60.0	126.0
FP64	30.0	–

SPECIFICATIONS

	NVIDIA B100 SXM 192GB	NVIDIA RTX PRO 6000 Blackwell Workstation Edition
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2024	2025
Form Factor	SXM	PCIe

	NVIDIA B100 SXM 192GB	NVIDIA RTX PRO 6000 Blackwell Workstation Edition
Memory Type	–	GDDR7
Interface Width	–	512-bit
Interconnect	–	–
TDP	700 W	600 W
FP32 Efficiency	0.09 TFLOPS/W	0.21 TFLOPS/W