



AMD Radeon PRO W7500 8GB

RDNA 3

PCIe

2023

6nm

OVERVIEW

12.2 FP32 TFLOPS	8 GB VRAM GDDR6	256 GB/s Memory Bandwidth	70 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	12.2	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	24.4	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	24.4	8	Standard
INT4	49.0	4	Standard

MEMORY SPECIFICATIONS

Capacity	8 GB	TDP	70 W
Type	GDDR6	Max Power	70 W
Bandwidth	256 GB/s	FP32 Efficiency	0.17 TFLOPS/W
Interface Width	128-bit	FP16 Efficiency	0.35 TFLOPS/W

POWER & EFFICIENCY

HARDWARE DETAILS

Vendor: AMD	Architecture: RDNA 3	Process Node: 6nm
Form Factor: PCIe	Launch Year: 2023	Variant: 8GB

COMPUTE ENGINE

Stream Processors: 1,792	Tensor Cores: 56 (RDNA 3)	CUs: 28
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INTERCONNECT

PCIe: Gen 4 x8

Sparsity: No