



AMD Radeon PRO W7600 8GB

RDNA 3

PCIe

2023

6nm

OVERVIEW

20.0 FP32 TFLOPS	8 GB VRAM GDDR6	288 GB/s Memory Bandwidth	130 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	20.0	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	40.0	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	40.0	8	Standard
INT4	80.0	4	Standard

MEMORY SPECIFICATIONS

Capacity	8 GB
Type	GDDR6
Bandwidth	288 GB/s
Interface Width	128-bit

POWER & EFFICIENCY

TDP	130 W
Max Power	130 W
FP32 Efficiency	0.15 TFLOPS/W
FP16 Efficiency	0.31 TFLOPS/W

HARDWARE DETAILS

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

COMPUTE ENGINE

Stream Processors: 2,048	Tensor Cores: 64 (RDNA 3)	CUs: 32
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INTERCONNECT

PCIe: Gen 4 x8

Sparsity: No