



AMD Radeon RX 7600 8GB

RDNA 3 PCIe 2023 6nm

OVERVIEW

21.7 FP32 TFLOPS	8 GB VRAM GDDR6	288 GB/s Memory Bandwidth	165 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	21.7	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	43.5	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	43.5	8	Standard
INT4	87.0	4	Standard

MEMORY SPECIFICATIONS

Capacity	8 GB	TDP	165 W
Type	GDDR6	Max Power	165 W
Bandwidth	288 GB/s	FP32 Efficiency	0.13 TFLOPS/W
Interface Width	128-bit	FP16 Efficiency	0.26 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: 2,048	Tensor Cores: 64 (RDNA 3)	CUs: 32
Boost Clock: 2.65 GHz		

INTERCONNECT

PCIe: Gen 4 x8

CHIP DESIGN

Transistors: 13.3 billion

ENTERPRISE FEATURES

Sparsity: No