



AMD Radeon RX 7600 XT 16GB

RDNA 3 PCIe 2024 6nm

OVERVIEW

22.6 FP32 TFLOPS	16 GB VRAM GDDR6	288 GB/s Memory Bandwidth	190 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	22.6	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	45.1	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	45.1	8	Standard
INT4	90.2	4	Standard

MEMORY SPECIFICATIONS

Capacity	16 GB	TDP	190 W
Type	GDDR6	Max Power	190 W
Bandwidth	288 GB/s	FP32 Efficiency	0.12 TFLOPS/W
Interface Width	128-bit	FP16 Efficiency	0.24 TFLOPS/W

POWER & EFFICIENCY

HARDWARE DETAILS

Vendor: AMD	Architecture: RDNA 3	Process Node: 6nm
Form Factor: PCIe	Launch Year: 2024	Variant: 16GB

COMPUTE ENGINE

Stream Processors: 2,048	Tensor Cores: 64 (RDNA 3)	CUs: 32
Boost Clock: 2.75 GHz		

INTERCONNECT

PCIe: Gen 4 x8

CHIP DESIGN

Transistors: 13.3 billion

ENTERPRISE FEATURES

Sparsity: No