



AMD Radeon RX 6600 XT 8GB

RDNA 2

PCIe

2021

7nm

OVERVIEW

10.6 FP32 TFLOPS	8 GB VRAM GDDR6	256 GB/s Memory Bandwidth	160 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	10.6	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	21.2	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	—	—	Standard

MEMORY SPECIFICATIONS

Capacity	8 GB
Type	GDDR6
Bandwidth	256 GB/s
Interface Width	128-bit

POWER & EFFICIENCY

TDP	160 W
Est. Max Power	184 W
FP32 Efficiency	0.07 TFLOPS/W
FP16 Efficiency	0.13 TFLOPS/W

HARDWARE DETAILS

Vendor: AMD	Architecture: RDNA 2	Process Node: 7nm
Form Factor: PCIe	Launch Year: 2021	Variant: 8GB

COMPUTE ENGINE

Stream Processors: 2,048	CUs: 32	Boost Clock: 2.59 GHz
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CHIP DESIGN

Transistors: 11.1 billion	Chiplets: 1 (Monolithic)
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ENTERPRISE FEATURES

Sparsity: No
