



AMD Radeon RX 6750 XT 12GB

RDNA 2

PCIe

2022

7nm

OVERVIEW

13.3 FP32 TFLOPS	12 GB VRAM GDDR6	432 GB/s Memory Bandwidth	250 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	13.3	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	26.6	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	—	—	Standard

MEMORY SPECIFICATIONS

Capacity	12 GB
Type	GDDR6
Bandwidth	432 GB/s
Interface Width	192-bit

POWER & EFFICIENCY

TDP	250 W
Est. Max Power	288 W
FP32 Efficiency	0.05 TFLOPS/W
FP16 Efficiency	0.11 TFLOPS/W

HARDWARE DETAILS

Vendor: AMD	Architecture: RDNA 2	Process Node: 7nm
Form Factor: PCIe	Launch Year: 2022	Variant: 12GB

COMPUTE ENGINE

Stream Processors: 2,560	CUs: 40	Base Clock: 2.15 GHz
Boost Clock: 2.60 GHz		

CHIP DESIGN

Transistors: 17.2 billion	Chiplets: 1 (Monolithic)
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ENTERPRISE FEATURES

Sparsity: No
