



AMD Radeon RX 6700 10GB

RDNA 2

PCIe

2021

7nm

OVERVIEW

11.3 FP32 TFLOPS	10 GB VRAM GDDR6	320 GB/s Memory Bandwidth	175 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	11.3	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	22.6	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	—	—	Standard

MEMORY SPECIFICATIONS

Capacity	10 GB
Type	GDDR6
Bandwidth	320 GB/s
Interface Width	160-bit

POWER & EFFICIENCY

TDP	175 W
Est. Max Power	201 W
FP32 Efficiency	0.06 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: 10GB

COMPUTE ENGINE

Stream Processors: 2,304	CUs: 36	Base Clock: 1.94 GHz
Boost Clock: 2.45 GHz		

CHIP DESIGN

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

Sparsity: No
