

AMD Radeon RX 7600 XT 16GB vs AMD Radeon RX 7900 XT 20GB

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	AMD Radeon RX 7600 XT 16GB	AMD Radeon RX 7900 XT 20GB
FP32 TFLOPS	22.6	51.6
VRAM	16 GB	20 GB
Memory Bandwidth	288 GB/s	800 GB/s
TDP	190 W	315 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7600 XT 16GB peak TFLOPS (dense)	AMD Radeon RX 7900 XT 20GB peak TFLOPS (dense)
FP64	—	—
FP32	22.6	51.6
TF32	—	—
BF16	—	—
FP16	45.1	103.2
FP8	—	—
FP6	—	—
FP4	—	—
INT8	45.1	103.2
INT4	90.2	206.0

SPECIFICATIONS

	AMD Radeon RX 7600 XT 16GB	AMD Radeon RX 7900 XT 20GB
Architecture	RDNA 3	RDNA 3
Process Node	6nm	5nm
Launch Year	2024	2022
Form Factor	PCIe	PCIe
Memory Type	GDDR6	—

	AMD Radeon RX 7600 XT 16GB	AMD Radeon RX 7900 XT 20GB
Interface Width	128-bit	—
Interconnect	—	—
TDP	190 W	315 W
FP32 Efficiency	0.12 TFLOPS/W	0.16 TFLOPS/W