

AMD Radeon PRO W6600 8GB vs AMD Radeon RX 6950 XT 16GB

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

OVERVIEW

	AMD Radeon PRO W6600 8GB	AMD Radeon RX 6950 XT 16GB
FP32 TFLOPS	10.4	23.6
VRAM	8 GB	16 GB
Memory Bandwidth	224 GB/s	576 GB/s
TDP	130 W	335 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W6600 8GB peak TFLOPS (dense)	AMD Radeon RX 6950 XT 16GB peak TFLOPS (dense)
FP64	—	—
FP32	10.4	23.6
TF32	—	—
BF16	—	—
FP16	20.8	47.3
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	AMD Radeon PRO W6600 8GB	AMD Radeon RX 6950 XT 16GB
Architecture	RDNA 2	RDNA 2
Process Node	7nm	7nm
Launch Year	2021	2022
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	128-bit	256-bit
Interconnect	—	—

	AMD Radeon PRO W6600 8GB	AMD Radeon RX 6950 XT 16GB
TDP	130 W	335 W
FP32 Efficiency	0.08 TFLOPS/W	0.07 TFLOPS/W