

AMD RADEON™ PRO W7600 GRAPHICS

SPECIFICATIONS

Product	AMD Radeon™ PRO W7600 Graphics
Architecture	AMD RDNA™ 3
Hardware Raytracing	Yes
Lithography	TSMC 6NM
Ray Accelerators	28
ROPs	64
Stream Processors	2048
Compute Units	32
Shaders	64
Peak Half Precision (FP16) Performance	39.98 TFLOPS
Peak Single Precision (FP32) Performance	19.99 TFLOPS
Peak Double Precision (FP64) Performance	.62 TFLOPS
Transistor Count	13.3 Billion
Total Board Power	130W
PSU Recommendation	350W
Dedicated Memory Size/ Type	8GB GDDR6
Memory Data Rate	18 Gbps
AMD Infinity Cache™	Yes, 32MB
Memory Interface	128-bit
Peak Memory Bandwidth	up to 288 GB/s
Memory ECC Support	No
4K H264 Encode Decode	Yes Yes
H265/HEVC Encode Decode	Yes Yes
AV1 Encode Decode	Yes Yes
3D Stereo Support	Yes
Bus Type	PCIe 4.0 x8
Display Type(s)	4X DisplayPort™ 2.1
Display Configurations	4x @ 3840x2160px (4K) 4x @ 5120x2880px (5K) 2x @ 7680x4320px (8K)
Form Factor	PCIe® Add-in Card
Cooling	Active
HDR Support	Yes
8K Support	Yes
16K Support	No
Board Height Length	Full Height 9.5" (241mm)
Board Width	Single Slot