

AMD RADEON™ PRO W7800 GRAPHICS

SPECIFICATIONS

Product	AMD Radeon™ PRO W7800 Graphics
Architecture	AMD RDNA™ 3
Graphics Memory	32 GB GDDR6
Memory Interface	256-bit
Memory Bandwidth	576 GB/s
Error Correcting Code (ECC)	Yes
Peak Single-Precision Performance	45.25 TFLOPS
Ray Accelerators	70
PCI Express® Support	4.0 Ready (x16) with 3.0 Backward Compatibility
Total Board Power	260W
Cooling	Active
Board Form Factor	11" (280 mm), Double Slot, Full Height
Display Connectors	DisplayPort™: 3x DP 2.1 & 1x Enhanced Mini DP 2.1
Display Configuration	4x 4096 x 2160 (4K DCI) @ 120Hz with DSC 2x 6144 x 3456 (6K) 12-bit HDR @ 60Hz Uncompressed 1x 7680 x 4320 (8K) 12-bit HDR @ 60Hz Uncompressed 1x 12288 x 6912 (12K) @ 120Hz with DSC
Power Connectors	2x8-Pin Power Connectors
Supported Rendering Formats,	2x Encode (H265/HEVC, 4K H264) 2x Decode (H265/HEVC, 4K H264) 1x Encode & Decode (AV1)
VR and Realtime Ready	Yes
3D Stereo Support	Yes
Supported Technologies	AMD Remote Workstation AMD Radeon™ Media Engine AMD Software: PRO Edition AMD Radeon™ VR Ready Creator AMD EyefinityTechnology (Professionals)
Supported APIs	DirectX®: 12.0 Ultimate OpenCL™: 2.0 OpenGL®: 4.6 Vulkan®: 1.3.2xx
Supported Operating Systems	Windows 11 - 64-Bit Edition Windows 10 - 64-Bit Edition Linux x86_64

1 GD-176: Video codec acceleration (including at least the HEVC (H.265), H.264,VP9, and AV1 codecs) is subject to and not operable without inclusion/installation of compatible media players. GD-176