

RADEON™ PRO W7500

PRODUCT INFORMATION SHEET

SKU INFO

Product Name	AMD Radeon™ PRO W7500 Workstation Graphics
Ordering Part Number	100-300000078
Product Class	Professional Workstation GPU
Package Dimensions	306mm x 182mm x 48mm
Package Weight	640 g
Package Contents	(1x) AMD Radeon™ PRO W7500 (1x) Safety Compliance Card with QR Code to Online Manual.
Quick Start Guide & User Manual	https://www.amd.com/en/support/radeon-pro-user-manual
UPC / EAN	727419314862 / 0 727419 314862
MSRP	\$429 USD (SEP)
First Ship Date	August 3 rd , 2023
Planned End-of-Life Date	TBA
Warranty	3-year Limited Warranty (Learn More at AMD.com/Warranty)

Product Specifications

Graphics Architecture	6nm AMD RDNA™ 3 Architecture
Compute Throughput (Peak FP32)	12.19 TFLOPS
Compute Units & Ray Accelerators	28 CUs and 28 Ray Accelerators (with 1792 Stream Processors)
Graphics Memory Size	8 GB GDDR6
Memory Interface	128-bit
Peak Memory Bandwidth	up to 173 GB/s
AMD Infinity Cache™ Technology (L3)	32 MB
Display Outputs	(4x) DisplayPort™ 2.1 (UHBR 10) providing (4x) 4K, 5K and (2x) 8K UHD, HDR Display Support
Bus Interface	PCIe® 4.0 x8 (with 3.0 Backward Compatibility)
Cooling Type	Active
Total Board Power	70 W (No External Power Connector Required)
Card Dimensions	Single Slot, Full Height / 8.5" / (215.6 mm x 98.4 mm x 14.47mm)
API Support	DirectX 12 Ultimate / OpenGL 4.6 / Vulkan 1.3.2xx / Open CL 2.0
Operating System Support	Windows 11 - 64-Bit Edition / Windows 10 - 64-Bit Edition / Linux x86_64
Key Additional Features	<ul style="list-style-type: none"> ▪ 2x AI Accelerators per Compute Unit ▪ 2nd Generation Hardware Ray Tracing ▪ VR Creator Ready. (Learn More at amd.com/PRO-VR) ▪ Remote Workstation Ready. (Learn More at amd.com/RemoteWorkstation) ▪ HEVC / H265 Encode/Decode Streams / AV1 Encode (NEW) & Decode¹ ▪ NEW AI Enhanced Video Encode ▪ NEW AMD Radiance Display™ Engine (up to 12-bit Color Depth Support) ▪ 3D Stereo Support
Regulatory & Compliance Info	BSMI Class B, CE Class B, RCM Class B, CMIM Class B, FCC Class B, ISED Class B, KCC Class B, UL, UKCA Class B, VCCI Class B, RoHS, WEEE.

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

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