



# AMD Radeon™ PRO W7700

## PRODUCT INFORMATION SHEET

### SKU Information

Product Name  
**AMD RDNA™ 3**

Ordering Part Number  
**100-300000006**

Product Class  
**Professional Workstation GPU**

Package Dimensions  
**308mm x 183mm x 68mm**

Package Weight  
**1.3kg**

Package Contents  
**(1x) AMD Radeon™ PRO W7700**  
**(1x) Safety Compliance Card with QR Code to Online Manual**

Quick Start Guide & User Manual  
[www.AMD.com/en/support/radeon-pro-user-manual](http://www.AMD.com/en/support/radeon-pro-user-manual)

UPC / EAN  
**727419314992 / 0727419314992**

MSRP  
**\$999 USD (SEP)**

First Ship Date  
**November 13<sup>TH</sup> 2023**

Warranty  
**3-year Limited Warranty (Learn More at AMD.com/  
Warranty)**

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<sup>1</sup>Video codec acceleration (including HVEC (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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### Product Specifications

Graphics Architecture  
**5nm GCD 6nm MCD AMD RDNA™ Architecture**

Compute Throughput (Peak FP32)  
**28.27 TFLOPs**

Compute Units & Ray Accelerators  
**48CUs and 48 Ray Accelerators (with 3072 Stream Processors)**

Graphics Memory Size  
**16 GB GDDR6 with ECC Support**

Memory Interface  
**256-bit**

Peak Memory Bandwidth  
**up to 576 GB/s**

AMD Infinity Cache™ Technology (L3)  
**64 MB**

Display Outputs  
**(4x) DisplayPort™ 2.1 (UHBR 13.5) providing (4x) 4K, 5K and (2x) 8K UHD, HDR Display Support**

Bus Interface  
**PCIe® 4.0 x16 (with Backward Compatibility)**

Cooling Type  
**Active**

Total Board Power  
**190 W**

Card Dimensions  
**Double Slot, Full Height | 9.5" | (241.3mm x 98.4mm x 34.8mm)**

API Support  
**DirectX 12.0 Ultimate | OpenCL 2.1 | Vulkan 1.3 | OpenGL 2.0**

Operating System Support  
**Windows 11 - 64-Bit Edition | Windows 10 - 64-Bit Edition | Linux x86\_64-Bit**

#### Key Additional Features

- **2x AI Accelerators per Compute Unit**
- **2<sup>ND</sup> Generation Hardware Ray Tracing**
- **VR Creator Ready (Learn More at AMD.com/PRO-VR)**
- **Remote Workstation Ready (Learn More at AMD.com/RemoteWorkstation)**
- **2x HEVC | H265 Encode/Decode Streams | AV1 Encode & Decode<sup>1</sup>**
- **AI Enhanced Video Encode**
- **AMD Radiance Display™ Engine (up to 12-bit Colour 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**

