

# Specifications

#SKU#: 11323-02-20G SAPPHIRE PULSE AMD Radeon™ RX 7900 XT, 20GB, AMD RDNA™ 3

GPU	AMD Radeon™ RX 7900 XT Graphics Card 5nm GPU AMD RDNA™ 3 Architecture
Engine Clock	Boost Clock: Up to 2450 MHz Game Clock: Up to 2075 MHz  Boost Clock is the maximum frequency achievable on the GPU running bursty workload. Boost clock achievability, frequency, and sustainibilty will vary based on several factors, including but not limited to: thermal conditions and variation in application and workloads.  Game Clock is the expected GPU clock when running typical gaming applications, set to typical TGP(Total Graphics Power). Actual individual game clock results may vary.
Stream Processors	5376
Compute Units	84 CU (with RT+AI Accelerators)
Infinity Cache	80MB
Ray Accelerators	84
Memory Size/Bus	20GB/320 bit GDDR6
Memory Clock	20 Gbps Effective
Displays	Maximum 4 Displays
Resolution	HDMI™: 7680×4320 DisplayPort 2.1: 7680×4320
Interface	PCI-Express 4.0 x16
Output	2x HDMI 2x DisplayPort <div> HIGH-DEFINITION MULTIMEDIA INTERFACE</div>
BIOS Support	Dual UEFI
Game Index	4K
Sapphire Features	Premium Digital Power Design Ultra High Performance Conductive Polymer Aluminum Capacitors Fuse Protection High TG Copper PCB Optimized Composite Heatpipe Tri-X Technology Intelligent Fan Control Precision Fan Control Metal Backplate

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	Two-Ball Bearing Fans Angular Velocity Fan Blade TriXX Supported TriXX Boost Graphics Card Supporter
<b>AMD Features</b>	AMD RDNA™ 3 Gaming Architecture 84 AMD RDNA™ 3 Compute Units (with RT+AI Accelerators) 80MB AMD Infinity Cache™ technology DisplayPort™ 2.1 AMD Radiance Display™ Engine AMD Radeon™ Boost technology* AMD Radeon™ Anti-Lag* technology* 20GB GDDR6 on 320-Bit Memory Bus PCI® Express 4.0 ready AMD FidelityFX™ technologies* AMD FidelityFX™ Super Resolution technology* Microsoft® DirectX® 12 Ultimate Microsoft® DirectStorage Vulkan® Optimized AMD smart technologies* AMD Software: Adrenalin Edition™ application AMD Noise Suppression* AMD Privacy View* AMD Radeon™ Super Resolution technology* AMD Link* AMD Freesync™ technology
<b>Cooling</b>	3 Fans
<b>Form Factor</b>	2.7 slot, ATX Dimension: 313(L)X 133.75(W)X 52.67 (H)mm
<b>Power Consumption</b>	331W Total Board Power
<b>OS</b>	Linux®, Windows® 10, and Windows 11. 64-bit operating system required
<b>System Requirement</b>	Minimum 800 Watt Power Supply 2 x 8-pin Power Connector. PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard. Minimum 8GB of system memory. 16GB recommended.

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- Colors of PCB or other components may differ from those illustrated.
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