Specifications

#SKU#: 11322-02-20G SAPPHIRE PULSE AMD Radeon™ RX 7900 XTX, 24GB, AMD RDNA™ 3

GPU	AMD Radeon™ RX 7900 XTX Graphics Card 5nm GPU AMD RDNA™ 3 Architecture
Engine Clock	Boost Clock: Up to 2525 MHz Game Clock: Up to 2330 MHz Boost Clock is the maximum frequency achievable on the GPU running bursty workload. Boost clock achievability, frequency, and sustainabilty 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	6144
Compute Units	96 CU (with RT+AI Accelerators)
Infinity Cache	96MB
Ray Accelerators	96
Memory Size/Bus	24GB/384 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
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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AMD Features	AMD RDNA™ 3 Gaming Architecture 96 AMD RDNA™ 3 Compute Units (with RT+AI Accelerators) 96MB AMD Infinity Cache™ technology DisplayPort™ 2.1 AMD Radiance Display™ Engine AMD Radeon™ Boost technology* AMD Radeon™ Anti-Lag* technology* 24GB GDDR6 on 384-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
Cooling	3 Fans
Form Factor	2.7 slot, ATX Dimension: 313(L)X 133.75(W)X 52.67 (H)mm
Power Consumption	370W Total Board Power
OS	Linux®, Windows® 10, and Windows 11. 64-bit operating system required
System Requirement	Minimum 800 Watt Power Supply 3 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.

- Specifications provided here are for guidance only. Please check with your regional distributor or dealer for latest specifications.
- Colors of PCB or other components may differ from those illustrated.
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