

SAPPHIRE PULSE AMD Radeon™ RX 7600 8G DDR6 SKU number: 11324-01

SAPPHIRE
PULSE



SPECIFICATION

- GPU: Radeon™ **RX 7600** Graphics
- Stream Processors: Up to **2048** unit
- Compute Units: **32**
- Ray Accelerators: **32**
- Infinity Cache: **32MB**
- Game Clock: **TBC** MHz
- Boost Clock: **TBC** MHz
- Memory Speed: **TBC**Gbps
- Memory Size: **8192**MB
- Memory Interface: **128** bit **DDR6**
- Firmware: **UEFI** BIOS
- Form Factor: **2** slot, ATX
- Cooler Fan: **Axial** Fan
- Bus Support: **x8 PCIe4.0**
- External Power: **1 x 8p**
- TriXX Boost: **Yes**

PRODUCT FEATURES

- AMD RDNA™ 3 architecture
- AMD Radiance Display™ Engine
- AMD Radeon™ Boost technology
- AMD Radeon™ Anti-Lag technology
- PCI® Express 4.0 ready
- AMD Fidelity FX™ technologies
- AMD Fidelity FX™ Super Resolution technology
- Microsoft® DirectX® 12 Ultimate
- Microsoft® Direct Storage
- 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

SYSTEM REQUIREMENTS

- PCI® Express© compatible motherboard with one x16 PCIe slot.
- Minimum **550W** or greater power supply NOTE: Minimum recommended system power supply wattage is based on the specific graphics card and the typical power requirements of other system components. Your system may require more or less power. OEM and other pre-assembled PCs may have different power requirements.
- Minimum 8GB of system memory. Recommended 16GB.
- Supported operating systems include Linux®, Windows 10/11. 64-bit operating system required.

DIMENSION:

- 240(L) x 107.1(W) x 44.07(H)mm
- **4** x Maximum Display Monitors support
- **3 x DP / 1 x HDMI**

MAXIMUM DISPLAY RESOLUTION

- HDMI™: 7680×4320
- DisplayPort1.4: 7680×4320

Fuse Protection

In order to protect your card, the SAPPHIRE cards have fuse protection built into the circuit of the external PCI-E power connector to keep the components safe.

Dual-X Cooling

SAPPHIRE's acclaimed Dual-X Cooling is powered by two massive yet silent fans and state-of-the-art radiator design. The new form of hybrid fan blades means greater airflow and superior heatsink coverage at lower noise compared to standard cooling designs.



Intelligent Fan Control

Fan speed is intelligently controlled to keep the GPU, memory, PWM IC and other components as low as possible in temperature to balance performance, and fan noise.

Precision fan control

Standard industry fans may have up to 10% difference between fan rotation cycles (RPM). The Fan IC Control on SAPPHIRE graphics cards reduce differential at approximately 3%. This up to 70% improvement on accuracy ensures that cooling and noise performance of every graphics card is up to scratch.

Back plate (Tough Metal Back plate)

The all-aluminum back plate provides additional rigidity that guarantees nothing bends and dust stays out. It also helps cool your card by increasing heat dissipation.

Two-Ball Bearing Fans

These feature Dual Ball bearing fans, which have an approximately 85% longer lifespan than sleeve bearings in our tests. The improvements to the fan blades means the solution is up to 10% quieter than the previous generation.

Optimized Composite Heat-pipe

The composite heat-pipes on SAPPHIRE RADEON RX 6X50 Series are fine-tuned for each individual cooling design with optimal heat flow, efficiently and evenly spreading out the heat to the whole cooling module.