

SAPPHIRE PURE AMD Radeon™ RX 7700XT 12G DDR6 Frost Punk 2 edition

SKU number: 11335-08

SAPPHIRE PURE

SPECIFICATION

- GPU: Radeon™ **RX 7700XT** Graphics
- Stream Processors: Up to **3456** unit
- Compute Units: **54**
- Ray Accelerators: **54**
- Infinity Cache: **48MB**
- Game Clock: **2226** MHz
- Boost Clock: Up to **2584** MHz
- Memory Speed: **18** Gbps
- Memory Size: **12288** MB
- Memory Interface: **192** bit **GDDR6**
- Firmware: **UEFI** BIOS
- Form Factor: **2.5** slot, ATX
- Cooling: **Triple Axial** Fan, Two ball bearing
- Back Plate: Yes
- PCI Express Bus Support: **PCIe4.0 x16**
- External Power: **2 x 8p**
- *LED Light: **ARGB** Logo*
- *NITRO Glow support*
- *External RGB LED Synchronization*

SYSTEM REQUIREMENTS

- PCI® Express® compatible motherboard with one x16 PCIe slot
 - Minimum **700w** 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

PRODUCT FEATURES

- AMD RDNA™ 3 architecture
- AMD Radiance Display™ Engine
- AMD Radeon™ Boost technology
- AMD Radeon™ Anti-Lag technology
- PCI® Express 4.0 ready
- DisplayPort™ 2.1
- 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 HYPR-RX
- AMD Radeon™ Super Resolution technology
- AMD Link
- AMD Freesync™ technology



DIMENSION:

- 320(L)x 128.75(W)x 52.57(H)mm
- 4 x Maximum Display Monitors support
- 2 x DP / 2 x HDMI

MAXIMUM DISPLAY RESOLUTION

- HDMI™: 7680×4320
- DisplayPort2.1: 7680×4320

ACCESSORIES

- L Shape Supporter
- **Keycaps**
- **Pin Badges**
- **Frost Punk 2 game coupon**

SAPPHIRE PURE AMD Radeon™ RX 7700XT 12G DDR6 Frost Punk 2 edition

SKU number: 11335-08

SAPPHIRE
PURE

High TG Copper PCB

The GPU is mounted on to the high-density 14 layer 2oz Copper PCB with a high TG temperature value PCB to match the power requirements of the GPU and memory and guarantee mechanical stability of the PCB during operation.

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.

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.

Metal Back-plate with thermal pad

The high quality aluminum back-plate is not just for styling, it also protects the components on the back side of the PCB and help dissipate the heat from the PCB with high performance thermal pad in between.

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.

Angular Velocity Fan Blade

The Angular Velocity Fan Blade provides a double layer of downward air pressure which alongside the air pressure on the outer ring of the Axial fan, results in up to 44% more downward air pressure and up to 19% more airflow for a quieter and cooler operation when compared to the previous generations.



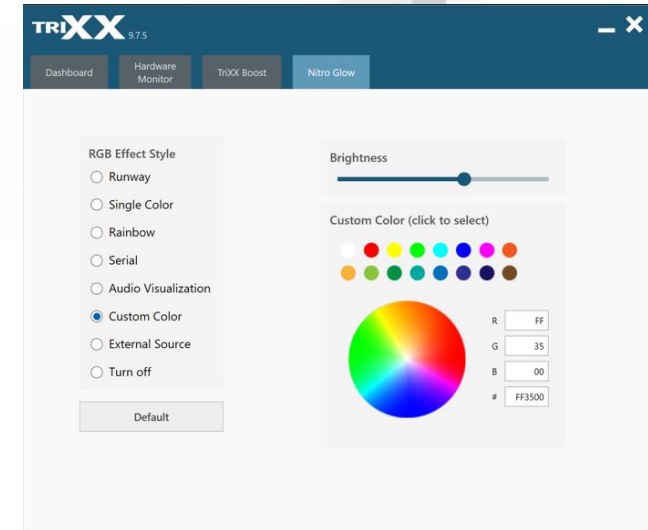
SAPPHIRE PURE AMD Radeon™ RX 7700XT 12G DDR6 Frost Punk 2 edition

SKU number: 11335-08

SAPPHIRE PURE

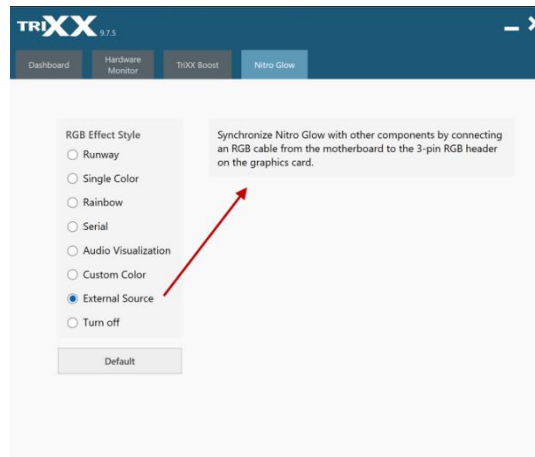
NITRO GLOW

With tasteful shroud design augmented by ARGB LEDs, you can change the colors of the LEDs, for a customized design. This can be controlled via TriXX software. Choose from various different modes including Fan Speed Mode, PCB Temperature Mode or the Colourful Rainbow Mode or turn off the LEDs.



External RGB LED MB Synchronization

Synchronize addressable RGB LED effects with the motherboard by selecting “External” in TriXX software.



SAPPHIRE PURE AMD Radeon™ RX 7700XT 12G DDR6 Frost Punk 2 edition

SKU number: 11335-08

SAPPHIRE PURE

Exclusive Giveaways for SAPPHIRE PURE RX7700XT Frost Punk2 Edition

- Keycaps
- Pin Badges
- Frost Punk 2 game coupon



SAPPHIRE PURE RX7700XT Board Dimension (mm)

