

SKU: 11349-01-20G

SAPPHIRE NITRO+ AMD RADEON™ RX 9070 GRAPHICS CARD OC



SPECIFICATION

- GPU: Radeon™ **RX 9070** Graphics
- Stream Processors: **3584** units
- Compute Units: **56**
- Ray Accelerators: **56**
- AI Accelerators: **112**
- AMD Infinity Cache: **64MB**
- Boost Clock: Up to **2700** MHz
- Game Clock: **2210** MHz
- Memory Speed: **20** Gbps
- Memory Size: **16** GB
- Memory Interface: **256-bit GDDR6**
- Firmware: **UEFI** BIOS
- Form Factor: **3.2** slot, ATX
- Cooling: **Triple Axial** Fan, two ball bearing
- Back Plate: Yes, double layers
- PCI Express Bus Support: **PCIe5.0 x16**
- External Power: **12V-2x6 (H++)**
- Typical Board Power: **245W**

NITRO+ PRODUCT FEATURES

- Performance vs. Efficiency Quicksets
- Glow! ARGB Light Bar
- Quick Connect MagniPlate (2 backplates)
- STEALTH Hidden Power Cable
- Fan Check / Quick Connect Fan
- TriXX Supported / TriXX Boost
- AeroCurve Fan Blade
- FrameDefense
- Free Flow Cooling Design
- External RGB LED MB Synchronization
- Honeywell PTM7950 TIM
- Fuse Protection

PRODUCT FEATURES

- AMD RDNA™ 4 Architecture
- 56 Compute Units
(3rd Gen RT+2nd Gen AI Accelerators)
- AMD HYPR-RX with AFMF 2
- AMD FidelityFX™ Super Resolution 4 with AI Upscaling
- DisplayPort™ 2.1a
- AMD Radiance Display™ Engine
- AMD Fluid Motion Frames 2 technology
- AMD Radeon™ Anti-Lag 2 technology
- AV1 Encode/Decode
- AMD FidelityFX™ technologies
- Microsoft® DirectX® 12 Ultimate
- AMD Noise Suppression
- AMD Freesync™ technology
- 16 GB of GDDR6 on 256-bit Memory Bus
- AMD smart technologies
- AMD Software: Adrenalin Edition™ application

SYSTEM REQUIREMENTS

- PCI® Express© compatible motherboard with one x16 PCIe slot
- 12V-2x6(H++) Power Connector
(3x8 pin power adapter is also included if your PC's Power Supply Unit does not have 12V-2X6)
- Minimum **650w** 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:

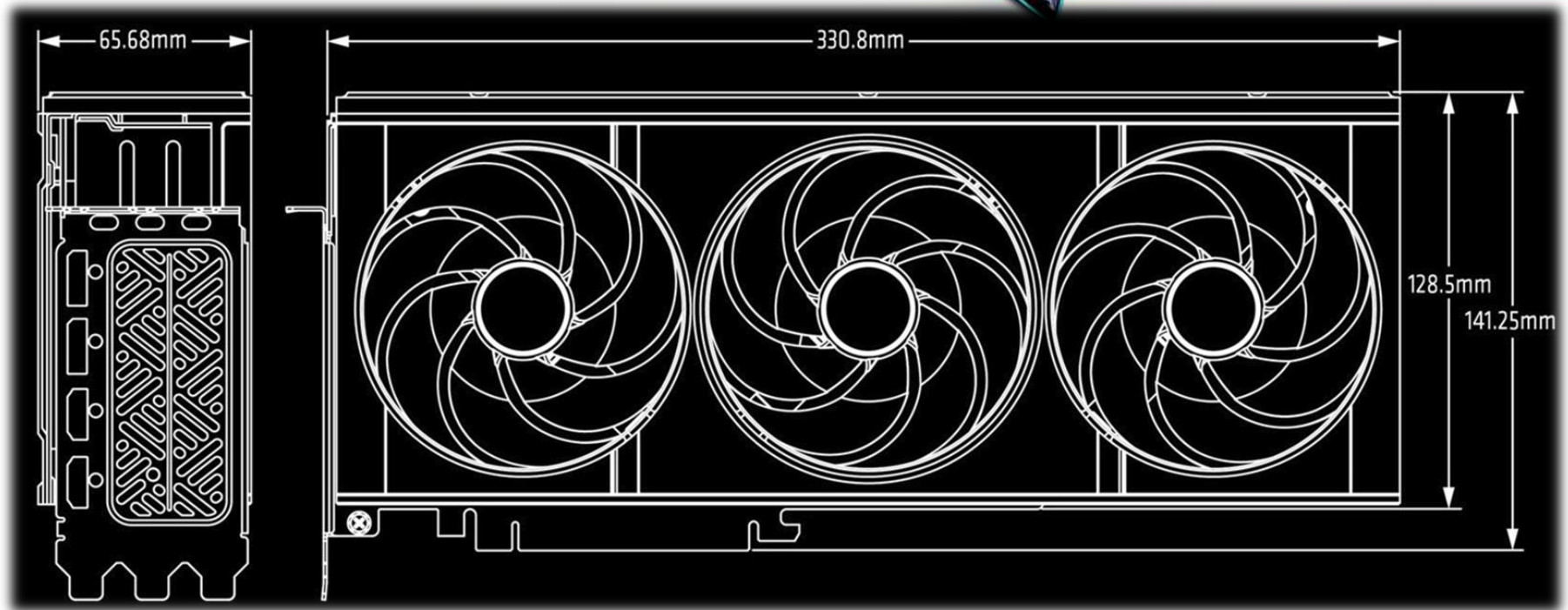
- 330.8(L)x 128.5(W)x 65.68(H)mm
- 4 x Maximum Display Monitors support
- 2 x DP / 2 x HDMI

MAXIMUM DISPLAY RESOLUTION

- HDMI™ 2.1b: 7680×4320
- DisplayPort2.1a: 7680×4320

ACCESSORIES

- L Shape Support Bracket
- 3pin 5V ARGB Cable
- Magnetic Backplate
- 12V-2x6 (H++) to PCI Express 3x8 pin power adapter



Gift Box Dimension (MM)	430X242X90
Pieces per carton / Carton Dimension (MM)	6 pcs /560X443X267
NW / Kg (per GBox) - Card only	1.65
GW / Kg (per GBox)	2.635
NW / Kg (per Carton) - Card only	9.876
GW / Kg (per Carton)	17.05
UPC Code	840777091333
EAN Code	489 51062 9593 3