Radeon™ RX 6900 XT GAMING OC 16G

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Radeon™ RX 6900 XT GAMING OC 16G

GV-R69XTGAMING OC-16GD

KEY FEATURE

Powered by RDNA2 Radeon™ RX 6900 XT
Integrated with 16GB GDDR6 256-bit memory interface
WINDFORCE 3X Cooling System with alternate spinning fans
Graphene nano lubricant
RGB Fusion 2.0
Dual BIOS
Protection metal back plate

CORE CLOCK

Boost Clock: up to MHz (Reference card: 2250 MHz)
Game Clock*: up to MHz (Reference card: 2015 MHz)

WINDFORCE
OC EDITION
RGB FUSION 2.0

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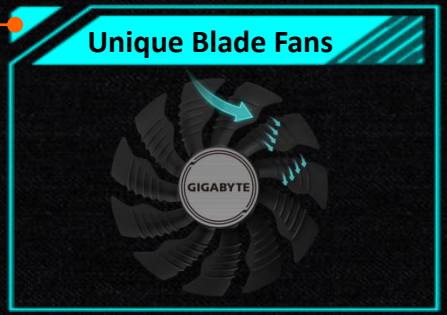
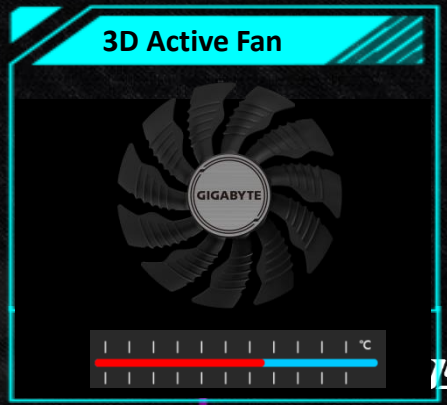
WINDFORCE 3X COOLING SYSTEM

COOLING

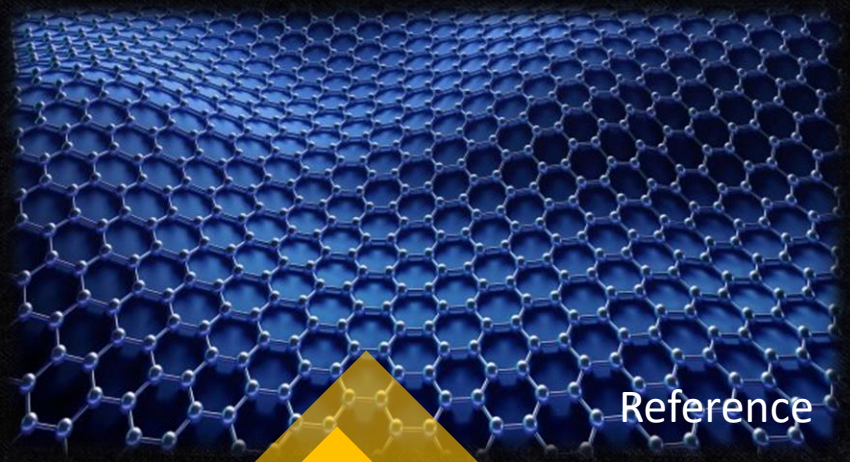
The WINDFORCE 3X cooling system features 3x 80mm unique blade fans, alternate spinning, 6 composite copper heat pipes direct touch GPU and 3D active, which together provide high efficiency heat dissipation.





GRAPHENE NANO LUBRICANT

Graphene nano lubricant can extend the life of fan by 2.1 times, close to the life of double ball bearing, and is quieter.



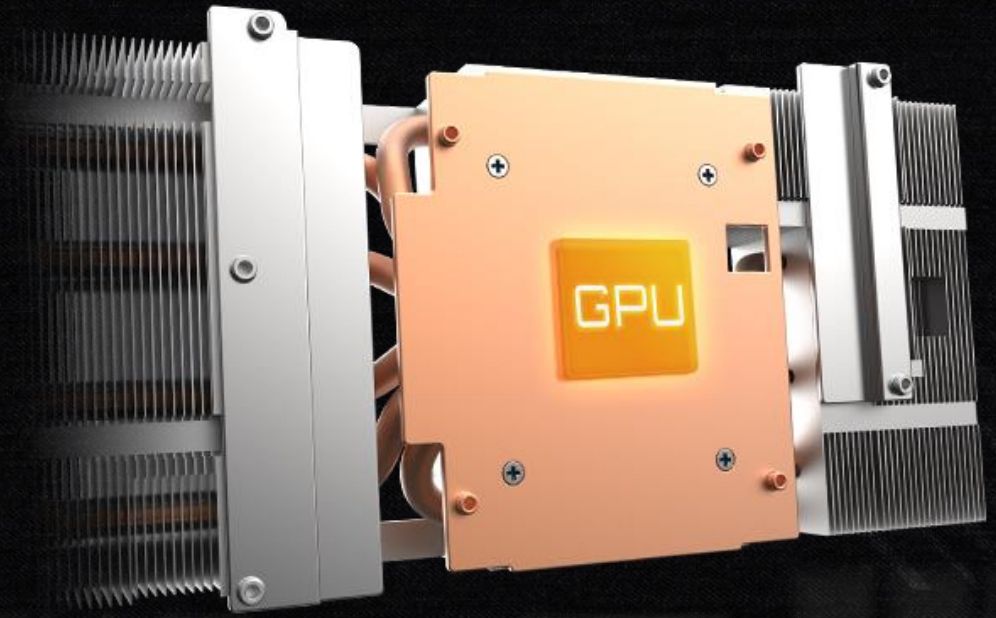
Sleeve fan

+ Default

+Graphene nano lubricant

LARGE COPPER PLATE & HEAT-PIPE

With direct contact to the GPU and VRAM, the large copper plate combines the composite heat pipes to efficiently transfer heat generated from the interior cores to the heat sink.



DUAL BIOS

Silent mode will provide a quieter experience. The mode switch requires a reboot to take effect. The default is OC mode.

RGB FUSION 2.0

OUTLOOK

With 16.7M customizable color options and numerous lighting effects, you can choose lighting effects or synchronize with other AORUS devices.

PROTECTION METAL BACK PLATE

OUTLOOK

The metal back plate not only provides an aesthetical shape, but also enhances the structure of the graphics card to provide complete protection.

EXTREME DURABILITY AND OVERCLOCKING

DURABILITY

The graphics card uses the better power phase design to allow the MOSFET to operate at lower temperature, and over-temperature protection design and load balancing for each MOSFET, plus the Ultra Durable certified chokes and capacitors, to provide excellent performance and longer system life.

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FRIENDLY PCB DESIGN

Fully automated production process ensures top quality of the circuit boards and eliminates sharp protrusions of the solder connectors seen on the conventional PCB surface. This friendly design prevents your hands from getting cut or inadvertently damaging components when making your build.

RGB FUSION - SYNC WITH ONE CLICK

UTILITY

There are various modes you can select from and easily achieve RGB synchronization with just one single click.

16.7M RGB Colors Wheel

Adjust RGB light speed and Brightness

RGB Effects

Display your GIGABYTE related PC devices.
Click the icon, you can directly customize the device's RGB individually. Please refer next page.

RGB FUSION - INDIVIDUAL LIGHTING CONTROL

UTILITY

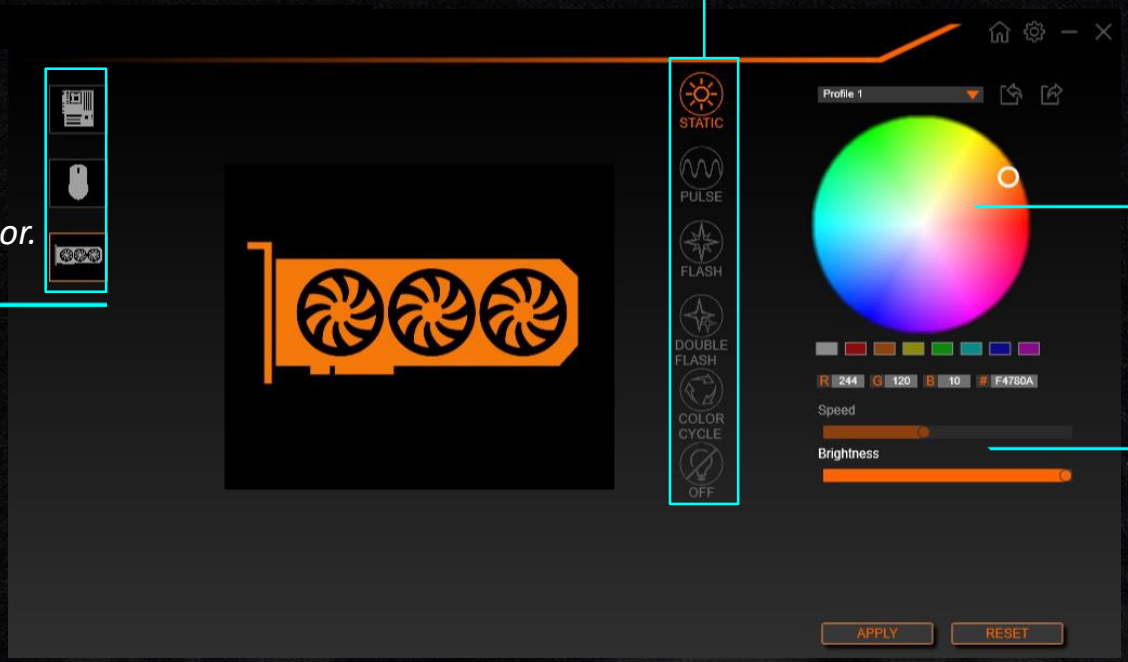
An easy way to customize the colors and the lighting effects individually just the way you want.

RGB Effects

Choose a device you want to customize color.

16.7M RGB Colors Wheel

Adjust RGB light speed and Brightness



SPECIFICATION

SPEC.

Graphics Processing	Radeon™ RX 6900 XT		
Core Clock	Boost Clock: up to MHz (Reference card: 2250 MHz) Game Clock*: up to MHz (Reference card: 2015 MHz)		
Stream Processors	45120		
Process Technology	7 nm		
Memory Clock	16000 MHz		
Memory Size	16 GB		
Memory Type	GDDR6		
Memory Bus	256 bit		
Memory Bandwidth (GB/sec)	512 GB/s		
Card Bus	PCI-E 4.0 x16		
Digital max resolution	7680x4320@60Hz		
Multi-view	4	Recommended PSU	750W
Card size	L=286 W=118 H=58 mm	Power Connectors	8 Pin*3
PCB Form	ATX	Output	DisplayPort 1.4*2, HDMI 2.1*2
DirectX	12 Ultimate	RGB Light	Side
OpenGL	4.6	Accessories	Quick guide

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Thank You

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