



# ROG-STRIX-RTX3090-O24G-GAMING

ROG Strix GeForce RTX™ 3090 buffed-up design with chart-topping thermal performance.

- **NVIDIA Ampere Streaming Multiprocessors:** The building blocks for the world's fastest, most efficient GPU, the all-new Ampere SM brings 2X the FP32 throughput and improved power efficiency.
- **2nd Generation RT Cores:** Experience 2X the throughput of 1st gen RT Cores, plus concurrent RT and shading for a whole new level of ray tracing performance.
- **3rd Generation Tensor Cores:** Get up to 2X the throughput with structural sparsity and advanced AI algorithms such as DLSS. Now with support for up to 8K resolution, these cores deliver a massive boost in game performance and all-new AI capabilities.

- **Axial-tech Fan Design** has been tuned up with more fan blades and a reversed rotational direction for the center fan.
- **2.9-slot design** expands cooling surface area compared to last gen for more thermal headroom than ever before.
- **Super Alloy Power II** includes premium alloy chokes, solid polymer capacitors, and an array of high-current power stages.
- **GPU Tweak II** provides intuitive performance tweaking, thermal controls, and system monitoring.

## **SPECIFICATIONS**

### **Graphic Engine**

NVIDIA® GeForce RTX™ 3090

### **Bus Standard**

PCI Express 4.0

### **OpenGL**

OpenGL®4.6

### **Video Memory**

24GB GDDR6X

### **CUDA Core**

10496

### **Memory Speed**

19.5 Gbps

### **Memory Interface**

384-bit

### **Resolution**

Digital Max Resolution 7680 x 4320

### **Interface**

Yes x 2 (Native HDMI 2.1)

Yes x 3 (Native DisplayPort 1.4a)

HDCP Support Yes (2.3)

## Maximum Display Support

4

## NVlink/ Crossfire Support

Yes

## Accessories

1 x ROG Velcro Hook & Loop 1 x ROG ruler 1 x Collection card 1 x Speedsetup manual

## Software

ASUS GPU Tweak II & GeForce Game Ready Driver & Studio Driver: please download all software from the support site.

## Dimensions

12.53 " x 5.51 " x 2.27 " Inch 31.85 x 14.01 x 5.78 Centimeter

## Recommended PSU

850W

## Power Connectors

3 x 8-pin

## Slot

2.9 Slot

## Note

\* Our wattage recommendation is based on a fully overclocked GPU and CPU system configuration. For a more tailored suggestion, please use the "Choose By Wattage" feature on our PSU product page:

<https://rog.asus.com/event/PSU/ASUS-Power-Supply-Units/index.html>