GIGABYTE

# GIGABYTE AORUS GeForce RTX 5070 INFINITY 12G Graphics Card



**Brand :** GIGABYTE

**Product code:** GV-N5070AORUS IF-12GD

**Product name :** GIGABYTE AORUS GeForce RTX 5070 INFINITY 12G Graphics Card

- Powered by the NVIDIA Blackwell architecture and DLSS 4.5
- Powered by GeForce RTX 5070
- Integrated with 12GB GDDR7 192bit memory interface
- WINDFORCE HYPERBURST cooling system
- Compatible with Stealth series
- RGB Halo
- Reinforced Metal Backplate
- 4 years warranty (Online registration required)

12GB GDDR7, 192bit, PCI-E 5.0, 2715MHz Core Clock, 3 x DP 2.1b, 1 x HDMI 2.1b, DLSS 4, GV-N5070AORUS IF-12GD



GIGABYTE AORUS GeForce RTX 5070 INFINITY 12G Graphics Card:

Unlock unparalleled gaming prowess with GIGABYTE's NVIDIA graphics cards. Engineered for peak performance and visual excellence, our GPUs redefine gaming standards. With advanced cooling solutions and cutting-edge technologies, GIGABYTE NVIDIA graphics cards deliver stunning visuals and seamless gameplay experiences, empowering gamers to dominate every virtual battlefield with confidence and precision.

| Processor | |
|---|---|
| CUDA * | ✔ |
| CUDA cores | 6144 |
| Graphics processor family * | NVIDIA |
| Graphics processor * | GeForce RTX 5070 |
| Processor frequency * | 2715 MHz |
| Maximum resolution * | 7680 x 4320 pixels |
| Parallel processing technology support * | Not supported |
| Maximum displays per videocard | 4 |

| Memory | |
|---|---|
| Discrete graphics card memory * | 12 GB |
| Graphics card memory type * | GDDR7 |
| Memory bus * | 192 bit |
| Memory clock speed | 28000 MHz |
| Data transfer rate | 28 Gbit/s |

| Ports & interfaces | |
|---|---|
| Interface type * | PCI Express x16 5.0 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1b |
| DisplayPorts quantity * | 3 |
| DisplayPort version | 2.1b |

| Performance | |
|---|---|
| TV tuner integrated * | ✘ |
| DirectX version * | 12.0 |
| OpenGL version * | 4.6 |

| Performance | |
|---|---|
| Dual Link DVI * | ✘ |
| NVIDIA G-SYNC | ✔ |
| Warranty period | 3 year(s) |

| Design | |
|---|---|
| Cooling type * | Active |
| Cooling technology | GIGABYTE WINDFORCE 3X |
| Number of fans | 3 fan(s) |
| Form factor | Full-Height/Full-Length (FH/FL) |
| Number of slots | 2.7 |
| Illumination | ✔ |
| Illumination colour | Multi |
| Product colour | Black, Grey |

| Power | |
|---|---|
| Minimum system power supply * | 750 W |
| Supplementary power connectors | 1x 16-pin |
| Thermal Design Power (TDP) | 205 W |

| Weight & dimensions | |
|---|---|
| Weight | 1.22 kg |
| Length | 309 mm |
| Depth | 55 mm |
| Height | 132 mm |

| Packaging data | |
|---|---|
| Package width | 250 mm |
| Package depth | 490 mm |
| Package height | 460 mm |
| Package weight | 2.01 kg |
| Package type | Box |

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**Catalog Object Cloud**

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