

GIGABYTE AERO GeForce RTX 4070 Ti OC V2 12G NVIDIA 12 GB GDDR6X

Brand : GIGABYTE Product family: AERO Product code: GV-N407TAERO

OCV2-12GD

Product name : GeForce RTX 4070 Ti AERO OC V2 12G



- Powered by NVIDIA DLSS 3, ultra-efficient Ada Lovelace arch, and full ray tracing
- 4th Generation Tensor Cores: Up to 4x performance with DLSS 3 vs. brute-force rendering
- 3rd Generation RT Cores: Up to 2X ray tracing performance
- Powered by GeForce RTX™ 4070 Ti
- Integrated with 12GB GDDR6X 192bit memory interface
- WINDFORCE Cooling System
- RGB Fusion
- Dual BIOS
- Protection metal back plate
- Anti-sag bracket

12 GB, GDDR6X, 192-bit, 2640 MHz core clock, PCI-E 4.0, HDMI, 3x DisplayPort, 1x 16-pin, RGB GIGABYTE AERO GeForce RTX 4070 Ti OC V2 12G. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 4070 Ti, Processor frequency: 2640 MHz. Discrete graphics card memory: 12 GB, Graphics card memory type: GDDR6X, Memory bus: 192 bit. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express 4.0. Cooling type: Active, Number of fans: 3 fan(s), Illumination colour: Multi



CUDA *				
CUDA cores 7680 NVIDIA G-SYNC Graphics processor family * NVIDIA G-SYNC Graphics processor feequency 2640 MHz Cooling type * Active Cooling type * Active Cooling type * Active Cooling technology GIGABYTE WINDFORCE 3X Maximum resolution * 7680 x 4320 pixels Number of fans 3 fan(s) Parallel processing technology Support * Active Cooling technology GIGABYTE WINDFORCE 3X Maximum displays per videocard 4 Form factor Full-Height/Full-Length (FH/FL) Fan diameter 9 cm Fan diameter Full-Height/Full-Length (FH/FL) Flull-Height/Full-Length (FH/FL) Flull-Height (FH) Illumination White Memory Discrete graphics card memory * 12 GB Illumination colour Multi Graphics card memory type * GDDR6X Product colour White Power Number of pipelines 8 Data transfer rate 21 Gbit/s Power Supplementary power supply * 750 W Supplementary power connectors System requirements Windows operating systems System requirements Windows operating systems Suplopreted Windows 10 x64, Windows 11 x6 DisplayPorts quantity * 1 DisplayPorts quantity * 3 DisplayPort version 1.4a Length 300 mm Depth Height 130 mm Poerformance TV tuner integrated * X DirectX version * 12 Ultimate Depth Height Graph Box Packaging content	Processor		Performance	
Graphics processor family * NVIDIA Design Graphics processor * GeForce RTX 4070 Ti Cooling type * Active Cooling type * Active Cooling type * Active GlGABYTE WINDFORCE 3X Maximum resolution * 7680 x 4320 pixels Parallel processing technology Support * Active Cooling type * Active Cooling type * Active GlGABYTE WINDFORCE 3X Mumber of fans 3 fan(s) Fan diameter 9 cm Far diameter 9 cm Far diameter Form factor Full-Height/Full-Length (FH/FL) Figure Form factor Full-Height (FH) Illumination Velocity For duct colour Multi Graphics card memory * 12 GB Millumination colour Multi Graphics card memory type * GDDR6X Memory bus * 192 bit Number of pipelines 8 Data transfer rate Power Power Power Active Cooling type * Active GlGABYTE WINDFORCE 3X Mumber of fans 3 fan(s) Fall Height (FH) Illumination Vell-Height (FH) Illumination Vell-Height (FH) Illumination colour Multi Multi Multi Graphics card memory type * GDDR6X Product colour Multi Power Note to every mover supply * 750 W Supplementary power supply * 750 W Supplementary power connectors Ix 16-pin Power System requirements Windows 10 x64, Windows 11 x6 Supported Windows operating systems Supported Windows operating systems Supported Windows 10 x64, Windows 11 x6 DisplayPort version 1.4a Length 300 mm Depth Fall-Height & dimensions Length 130 mm Power Ty tuner integrated * X DirectX version * 12 Ultimate Packaging data Packaging content	CUDA *			
GeForce RTX 4070 Ti Cooling type * Active Cooling technology Maximum resolution * 7680 x 4320 pixels Parallel processing technology Maximum displays per videocard Multi display full-length (FH/FL) Multi display full-length			NVIDIA G-SYNC	✓
Cooling type * Active Maximum resolution * 7680 x 4320 pixels Maximum resolution * 7680 x 4320 pixels Maximum resolution * 7680 x 4320 pixels Mumber of fans Sarallel processing technology Memory Wemory Discrete graphics card memory * 12 GB Graphics card memory type * GDDR6X Memory bus * 192 bit Mumber of pipelines Data transfer rate Data transfer rate Data transfer rate Data transfer rate Data transfer sion DisplayPorts quantity * 1 DisplayPort version DisplayPort version TV tuner integrated * X DirectX version * 12 Ultimate Data transfer ate Dat	Graphics processor family *		Design	
Data transfer rate 21 Gbit/s Minimum system power supply * 750 W Supplementary power connectors 1x 16-pin Ports & interfaces Interface type * PCI Express 4.0 HDMI ports quantity * 1 HDMI version 2.1a DisplayPorts quantity * 3 DisplayPort version 1.4a Performance IV tuner integrated * DirectX version * 12 Ultimate DipenGL version * 4.6 Packaging content Minimum system power supply * 750 W Supplementary power connectors 1x 16-pin Windows operating systems Windows 10 x64, Windows 11 x6 Weight & dimensions Length 300 mm Depth 57.6 mm Height 130 mm Packaging data Packaging data Packaging content	Processor frequency * Maximum resolution * Parallel processing technology support * Maximum displays per videocard Memory Discrete graphics card memory * Graphics card memory type * Memory bus *	2640 MHz 7680 x 4320 pixels Not supported 4 12 GB GDDR6X 192 bit	Cooling technology Number of fans Fan diameter Form factor Bracket height Illumination Illumination colour Product colour	GIGABYTE WINDFORCE 3X 3 fan(s) 9 cm Full-Height/Full-Length (FH/FL) Full-Height (FH) Multi
PCI Express 4.0 HDMI ports quantity * 1 HDMI version 2.1a DisplayPorts quantity * 3 DisplayPort version 1.4a Performance IV tuner integrated * 2.1 DispenGL version * 1.2 Ultimate DispenGL version * 4.6 Packaging content System requirements Windows operating systems supported Windows 10 x64, Windows 11 x6 Windows 10 x64, Windows 11 x6 Windows operating systems Supported Windows 10 x64, Windows 11 x6 Weight & dimensions Length 300 mm Popth 57.6 mm Height 130 mm Packaging data Packaging content	Data transfer rate		Minimum system power supply *	750 W
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HDMI ports quantity * 1 HDMI version 2.1a Windows operating systems supported Windows 10 x64, Windows 11 x6 Supported Weight & dimensions DisplayPort version 1.4a Length 300 mm Depth 57.6 mm Height 130 mm Performance TV tuner integrated * X DirectX version * 12 Ultimate Depth 4.6 Packaging data Packaging content Packaging content	Interface type *	PCI Express 4.0	System requirements	
DisplayPorts quantity * 3 DisplayPort version 1.4a Length 300 mm Depth 57.6 mm Height 130 mm Performance TV tuner integrated * X DirectX version * 12 Ultimate Depth 4.6 Packaging data Packaging content Packaging content	HDMI ports quantity *	1		Windows 10 x64, Windows 11 x64
Performance TV tuner integrated * DirectX version * 12 Ultimate Packaging data DipenGL version * 4.6 Packaging content Packaging content	DisplayPorts quantity *		Weight & dimensions	
TV tuner integrated * DirectX version * 12 Ultimate Packaging data DepenGL version * 4.6 Packaging content	DisplayPort version	1.4a	Length	300 mm
TV tuner integrated *	Performance		'	
OpenGL version * 4.6 Packaging content Packaging content	TV tuner integrated *	×	Height	130 mm
Packaging content	DirectX version *	12 Ultimate	Packaging data	
	OpenGL version *	4.6	Package type	Вох
User guide ✓			Packaging content	
			User guide	✓





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