

ZOTAC GAMING™



**GEFORCE
RTX**



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ZOTAC GAMING GEFORCE RTX™ 40 SERIES

September 2024 edition

GEFORCE RTX™ 4080 SUPER



GEFORCE RTX™ 4080 SUPER AMP EXTREME AIRO

Features	IceStorm 2.0, Spectra 2.0, Dual BIOS, Freeze Fan Stop, Active Fan Control, Dual Ball Bearings, Vibration Dampeners, Die-cast Metal RGB Backplate, Counter-Rotational fan spin
CUDA Cores	10240
Speed	2610 MHz Boost
Memory	16GB GDDR6X 23 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4080 SUPER AMP

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	10240
Speed	2610 MHz Boost
Memory	16GB GDDR6X 23 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4080 SUPER TRINITY OC WHITE EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	10240
Speed	2565 MHz Boost
Memory	16GB GDDR6X 23 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4080 SUPER TRINITY BLACK EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	10240
Speed	2550 MHz Boost
Memory	16GB GDDR6X 23 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a

GEFORCE RTX™ 4080 16GB



GEFORCE RTX™ 4080 16GB AMP EXTREME AIRO

Features	IceStorm 2.0, 24+3 Power Phase, Spectra 2.0, Dual BIOS, Freeze Fan Stop, Active Fan Control, Dual Ball Bearings, Vibration Dampeners, Die-cast Metal RGB Backplate, Counter-Rotational fan spin
CUDA Cores	9728
Speed	2565 MHz Boost
Memory	16GB GDDR6X 22.4 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX 4080™ 16GB AMP EXTREME AIRO WHITE EDITION

Features	IceStorm 2.0, 24+3 Power Phase, Spectra 2.0, Dual BIOS, Freeze Fan Stop, Active Fan Control, Dual Ball Bearings, Vibration Dampeners, Die-cast Metal RGB Backplate, Counter-Rotational fan spin
CUDA Cores	9728
Speed	2565 MHz Boost
Memory	16GB GDDR6X 22.4 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4080 16GB TRINITY OC

Features	IceStorm 2.0, Spectra 2.0, Dual BIOS, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	9728
Speed	2520 MHz Boost
Memory	16GB GDDR6X 22.4 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4080 16GB TRINITY OC WHITE EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	9728
Speed	2520 MHz Boost
Memory	16GB GDDR6X 22.4 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4080 16GB TRINITY BLACK EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	9728
Speed	2505 MHz Boost
Memory	16GB GDDR6X 22.4 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4080 16GB TRINITY

Features	IceStorm 2.0, Spectra 2.0, Dual BIOS, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	9728
Speed	2505 MHz Boost
Memory	16GB GDDR6X 22.4 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a

GEFORCE RTX™ 4070 Ti SUPER



GEFORCE RTX 4070 Ti SUPER SOLID OC

Features	IceStorm 2.0, White LED logo, Freeze Fan Stop, Active Fan Control, Metal Backplate, Structural Brace
CUDA Cores	8448
Speed	2640 MHz Boost
Memory	16GB GDDR6X 21 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX 4070 Ti SUPER SOLID

Features	IceStorm 2.0, White LED logo, Freeze Fan Stop, Active Fan Control, Metal Backplate, Structural Brace
CUDA Cores	8448
Speed	2610 MHz Boost
Memory	16GB GDDR6X 21 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 Ti SUPER AMP HOLO

Features	HoloBlack design, IceStorm 2.0, Spectra 2.0, Dual BIOS, Freeze Fan Stop, Active Fan Control, Metal RGB Backplate
CUDA Cores	8448
Speed	2640 MHz Boost
Memory	16GB GDDR6X 21 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 Ti SUPER TRINITY OC WHITE EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	8448
Speed	2625 MHz Boost
Memory	16GB GDDR6X 21 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 Ti SUPER TRINITY OC

Features	IceStorm 2.0, Spectra 2.0 aRGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	8448
Speed	2625 MHz Boost
Memory	16GB GDDR6X 21 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 Ti SUPER TRINITY BLACK EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	8448
Speed	2610 MHz Boost
Memory	16GB GDDR6X 21 Gbps 256-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a

GEFORCE RTX™ 4070 Ti



GEFORCE RTX™ 4070 Ti AMP EXTREME AIRO

Features	IceStorm 2.0, 24+3 Power Phase, Spectra 2.0, Dual BIOS, Freeze Fan Stop, Active Fan Control, Dual Ball Bearings, Vibration Dampeners, Die-cast Metal RGB Backplate, Counter-Rotational fan spin
CUDA Cores	7680
Speed	2700 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 Ti TRINITY OC

Features	IceStorm 2.0, Spectra 2.0, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	7680
Speed	2625 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 Ti TRINITY OC WHITE EDITION

Features	IceStorm 2.0, Spectra 2.0, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	7680
Speed	2625 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 Ti TRINITY

Features	IceStorm 2.0, Spectra 2.0, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	7680
Speed	2610 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a

GEFORCE RTX™ 4070 SUPER



GEFORCE RTX™ 4070 SUPER TRINITY OC BLACK EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	7168
Speed	2505 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 SUPER TRINITY BLACK EDITION

Features	IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	7168
Speed	2475 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 SUPER TWIN EDGE OC WHITE EDITION

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	7168
Speed	2490 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 SUPER TWIN EDGE OC

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	7168
Speed	2490 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 SUPER TWIN EDGE

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	7168
Speed	2475 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a

GEFORCE RTX™ 4070



GEFORCE RTX™ 4070 AMP AIRO

Features	IceStorm 2.0, Spectra 2.0, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	5888
Speed	2535 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 TRINITY

Features	IceStorm 2.0, Spectra 2.0, Freeze Fan Stop, Active Fan Control, Vibration Dampeners, Metal Backplate
CUDA Cores	5888
Speed	2475 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 TWIN EDGE OC

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	5888
Speed	2490 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 TWIN EDGE OC WHITE EDITION

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	5888
Speed	2490 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4070 TWIN EDGE

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	5888
Speed	2475 MHz Boost
Memory	12GB GDDR6X 21 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX 4070 TWIN EDGE OC GDDR6

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	5888
Speed	2490 MHz Boost
Memory	12GB GDDR6 20 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX 4070 TWIN EDGE OC WHITE EDITION GDDR6

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	5888
Speed	2490 MHz Boost
Memory	12GB GDDR6 20 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX 4070 TWIN EDGE GDDR6

Features	SFF-Ready Enthusiast GeForce Card, Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	5888
Speed	2475 MHz Boost
Memory	12GB GDDR6 20 Gbps 192-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a

GEFORCE RTX™ 4060 Ti 16GB/8GB



GEFORCE RTX™ 4060 Ti 16GB TWIN EDGE

Features	Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	4352
Speed	2535 MHz Boost
Memory	16GB GDDR6 18 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4060 Ti 8GB TWIN EDGE OC

Features	Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	4352
Speed	2550 MHz Boost
Memory	8GB GDDR6 18 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4060 Ti 8GB TWIN EDGE OC WHITE EDITION

Features	Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	4352
Speed	2565 MHz Boost
Memory	8GB GDDR6 18 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4060 Ti 8GB TWIN EDGE

Features	Compact Design, IceStorm 2.0, Spectra, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	4352
Speed	2535 MHz Boost
Memory	8GB GDDR6 18 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a

GEFORCE RTX™ 4060 8GB



GEFORCE RTX™ 4060 8GB TWIN EDGE OC

Features	Compact Design, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	3072
Speed	2475 MHz Boost
Memory	8GB GDDR6 17 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4060 8GB TWIN EDGE OC WHITE EDITION

Features	Compact Design, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	3072
Speed	2490 MHz Boost
Memory	8GB GDDR6 17 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4060 8GB TWIN EDGE

Features	Compact Design, Freeze Fan Stop, Active Fan Control, Metal Backplate
CUDA Cores	3072
Speed	2460 MHz Boost
Memory	8GB GDDR6 17 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



GEFORCE RTX™ 4060 8GB SOLO

Features	Super Compact Design
CUDA Cores	3072
Speed	2460 MHz Boost
Memory	8GB GDDR6 17 Gbps 128-bit
Display Connectors	3x DisplayPort 1.4a, HDMI 2.1a



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ZOTAC GAMING GEFORCE RTX™ 40 SERIES

	GeForce RTX 40 Series					
	MEMORY	CUDA CORES	MULTI-MONITOR SUPPORT	MINIMUM RECOMMENDED PSU	POWER CONNECTOR	SLOT SIZE
GeForce RTX 4080 SUPER AMP Extreme AIRO	16GB GDDR6X	10240	max 4	750W	1 x 12VHPWR	3.5
GeForce RTX 4080 SUPER AMP	16GB GDDR6X	10240	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4080 SUPER Trinity OC White Edition	16GB GDDR6X	10240	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4080 SUPER Trinity Black Edition	16GB GDDR6X	10240	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4080 AMP Extreme AIRO	16GB GDDR6X	9728	max 4	750W	1 x 12VHPWR	3.5
GeForce RTX 4080 AMP Extreme AIRO White Edition	16GB GDDR6X	9728	max 4	750W	1 x 12VHPWR	3.5
GeForce RTX 4080 Trinity OC	16GB GDDR6X	9728	max 4	750W	1 x 12VHPWR	3.5
GeForce RTX 4080 Trinity OC White Edition	16GB GDDR6X	9728	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4080 Trinity Black Edition	16GB GDDR6X	9728	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4080 Trinity	16GB GDDR6X	9728	max 4	750W	1 x 12VHPWR	3.5
GeForce RTX 4070 Ti SUPER SOLID OC	16GB GDDR6X	8448	max 4	700W	1 x 12VHPWR	3.5
GeForce RTX 4070 Ti SUPER SOLID	16GB GDDR6X	8448	max 4	700W	1 x 12VHPWR	3.5
GeForce RTX 4070 Ti SUPER AMP Holo	16GB GDDR6X	8448	max 4	700W	1 x 12VHPWR	3.5
GeForce RTX 4070 Ti SUPER Trinity OC White Edition	16GB GDDR6X	8448	max 4	700W	1 x 12VHPWR	2.5
GeForce RTX 4070 Ti SUPER Trinity OC	16GB GDDR6X	8448	max 4	700W	1 x 12VHPWR	2.5
GeForce RTX 4070 Ti SUPER Trinity Black Edition	16GB GDDR6X	8448	max 4	700W	1 x 12VHPWR	2.5
GeForce RTX 4070 Ti AMP Extreme AIRO	12GB GDDR6X	7680	max 4	750W	1 x 12VHPWR	3.5
GeForce RTX 4070 Ti AMP AIRO	12GB GDDR6X	7680	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4070 Ti Trinity OC	12GB GDDR6X	7680	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4070 Ti Trinity OC White Edition	12GB GDDR6X	7680	max 4	750W	1 x 12VHPWR	2.5
GeForce RTX 4070 Ti Trinity	12GB GDDR6X	7680	max 4	750W	1 x 12VHPWR	2.5

	GeForce RTX 40 Series					
	MEMORY	CUDA CORES	MULTI-MONITOR SUPPORT	MINIMUM RECOMMENDED PSU	POWER CONNECTOR	SLOT SIZE
GeForce RTX 4070 SUPER Trinity OC Black Edition	12GB GDDR6X	7168	max 4	650W	1 x 12VHPWR	2.5
GeForce RTX 4070 SUPER Trinity Black Edition	12GB GDDR6X	7168	max 4	650W	1 x 12VHPWR	2.5
GeForce RTX 4070 SUPER Twin Edge OC White Edition	12GB GDDR6X	7168	max 4	650W	1 x 12VHPWR	2
GeForce RTX 4070 SUPER Twin Edge OC	12GB GDDR6X	7168	max 4	650W	1 x 12VHPWR	2
GeForce RTX 4070 SUPER Twin Edge	12GB GDDR6X	7168	max 4	650W	1 x 12VHPWR	2
GeForce RTX 4070 AMP AIRO	12GB GDDR6X	5888	max 4	600W	1 x 12VHPWR	2.5
GeForce RTX 4070 Trinity	12GB GDDR6X	5888	max 4	600W	1 x 12VHPWR	2.5
GeForce RTX 4070 Twin Edge OC	12GB GDDR6X	5888	max 4	600W	1 x 8-pin	2.2
GeForce RTX 4070 Twin Edge OC White Edition	12GB GDDR6X	5888	max 4	600W	1 x 8-pin	2.2
GeForce RTX 4070 Twin Edge	12GB GDDR6X	5888	max 4	600W	1 x 8-pin	2.2
GeForce RTX 4070 Twin Edge OC GDDR6	12GB GDDR6	5888	max 4	600W	1 x 8-pin	2.2
GeForce RTX 4070 Twin Edge OC White Edition GDDR6	12GB GDDR6	5888	max 4	600W	1 x 8-pin	2.2
GeForce RTX 4070 Twin Edge GDDR6	12GB GDDR6	5888	max 4	600W	1 x 8-pin	2.2
GeForce RTX 4060 Ti 16GB Twin Edge	16GB GDDR6	4352	max 4	500W	1 x 8-pin	2.2
GeForce RTX 4060 Ti 8GB Twin Edge OC	8GB GDDR6	4352	max 4	500W	1 x 8-pin	2.2
GeForce RTX 4060 Ti 8GB Twin Edge OC White Edition	8GB GDDR6	4352	max 4	500W	1 x 8-pin	2.2
GeForce RTX 4060 Ti 8GB Twin Edge	8GB GDDR6	4352	max 4	500W	1 x 8-pin	2.2
GeForce RTX 4060 8GB Twin Edge OC	8GB GDDR6	3072	max 4	500W	1 x 8-pin	2
GeForce RTX 4060 8GB Twin Edge OC White Edition	8GB GDDR6	3072	max 4	500W	1 x 8-pin	2
GeForce RTX 4060 8GB Twin Edge	8GB GDDR6	3072	max 4	500W	1 x 8-pin	2
GeForce RTX 4060 8GB Solo	8GB GDDR6	3072	max 4	500W	1 x 8-pin	2

POWERED BY NVIDIA DLSS 3, ULTRA-EFFICIENT ADA LOVELACE ARCHITECTURE, AND FULL RAY TRACING



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