

ZOTAC GAMING



GEFORCE
RTX

Powering Advanced AI



reddot winner 2025



reddot winner 2025

TO GAMING AND BEYOND

ZOTAC GAMING GEFORCE RTX™ 50 SERIES
POWERED BY NVIDIA BLACKWELL AND DLSS 4

JULY 2025 edition

GEFORCE RTX™ 5090 SERIES



GEFORCE RTX 5090 AMP EXTREME INFINITY

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control 2.0, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, Infinity Mirror, BladeLink Fans
CUDA Cores	21760
Speed	2467 MHz Boost
Memory	32GB GDDR7 28 Gbps 512-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5090 SOLID OC WHITE EDITION

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control 2.0, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	21760
Speed	2422 MHz Boost
Memory	32GB GDDR7 28 Gbps 512-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5090 SOLID OC

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control 2.0, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	21760
Speed	2422 MHz Boost
Memory	32GB GDDR7 28 Gbps 512-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5090 SOLID

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control 2.0, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	21760
Speed	2407 MHz Boost
Memory	32GB GDDR7 28 Gbps 512-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b

GEFORCE RTX™ 5080 SERIES



GEFORCE RTX 5080 AMP EXTREME INFINITY ULTRA

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, Infinity Mirror, BladeLink Fans
CUDA Cores	10752
Speed	2730 MHz Boost
Memory	16GB GDDR7 30 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5080 AMP EXTREME INFINITY

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, Infinity Mirror, BladeLink Fans
CUDA Cores	10752
Speed	2670 MHz Boost
Memory	16GB GDDR7 30 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5080 SOLID OC WHITE EDITION

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	10752
Speed	2640 MHz Boost
Memory	16GB GDDR7 30 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5080 SOLID OC

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	10752
Speed	2640 MHz Boost
Memory	16GB GDDR7 30 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5080 SOLID

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	10752
Speed	2617 MHz Boost
Memory	16GB GDDR7 30 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti AMP EXTREME INFINITY

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, Infinity Mirror, BladeLink Fans
CUDA Cores	8960
Speed	2512 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5080 SOLID CORE OC

Features	2.5-slot, IceStorm 3.0, Vapor Chamber, SPECTRA RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	10752
Speed	2640 MHz Boost
Memory	16GB GDDR7 30 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti SOLID OC

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	8960
Speed	2482 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5080 SOLID CORE

Features	2.5-slot, IceStorm 3.0, Vapor Chamber, SPECTRA RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	10752
Speed	2617 MHz Boost
Memory	16GB GDDR7 30 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti SOLID

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	8960
Speed	2452 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b

GEFORCE RTX™ 5070 Ti SERIES



GEFORCE RTX 5070 Ti AMP EXTREME INFINITY ULTRA

Features	IceStorm 3.0, Vapor Chamber, SPECTRA 2.0 ARGB, Dual Bios, Freeze Fan Stop, Active Fan Control, Metal Backplate, SPECTRA Link, Reinforced Frame Structure, Infinity Mirror, BladeLink Fans
CUDA Cores	8960
Speed	2572 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti SOLID CORE OC WHITE EDITION

Features	2.5-slot, IceStorm 3.0, Vapor Chamber, SPECTRA RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	8960
Speed	2482 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti SOLID CORE OC

Features	2.5-slot, IceStorm 3.0, Vapor Chamber, SPECTRA RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	8960
Speed	2482 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti SOLID CORE

Features	2.5-slot, IceStorm 3.0, Vapor Chamber, SPECTRA RGB, Freeze Fan Stop, Active Fan Control, Metal Backplate, Reinforced Frame Structure, BladeLink Fans
CUDA Cores	8960
Speed	2452 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti SOLID SFF OC

Features	SFF-ready Enthusiast GeForce Card, IceStorm 2.0, Freeze Fan Stop, Active Fan Control, White LED Lighting, Metal Backplate, BladeLink Fans
CUDA Cores	8960
Speed	2482 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 Ti SOLID SFF

Features	SFF-ready Enthusiast GeForce Card, IceStorm 2.0, Freeze Fan Stop, Active Fan Control, White LED Lighting, Metal Backplate, BladeLink Fans
CUDA Cores	8960
Speed	2452 MHz Boost
Memory	16GB GDDR7 28 Gbps 256-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b

GEFORCE RTX™ 5070 SERIES



GEFORCE RTX 5070 AMP WHITE EDITION

Features	SFF-Ready Enthusiast GeForce Card, IceStorm 2.0, SPECTRA RGB, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	6144
Speed	2587 MHz Boost
Memory	12GB GDDR7 28 Gbps 192-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 SOLID OC

Features	SFF-Ready Enthusiast GeForce Card, IceStorm 2.0, SPECTRA RGB, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	6144
Speed	2542 MHz Boost
Memory	12GB GDDR7 28 Gbps 192-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 SOLID

Features	SFF-Ready Enthusiast GeForce Card, IceStorm 2.0, SPECTRA RGB, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	6144
Speed	2512 MHz Boost
Memory	12GB GDDR7 28 Gbps 192-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 TWIN EDGE OC

Features	SFF-Ready Enthusiast GeForce Card, IceStorm 2.0, White LED Lighting, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	6144
Speed	2542 MHz Boost
Memory	12GB GDDR7 28 Gbps 192-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5070 TWIN EDGE

Features	SFF-Ready Enthusiast GeForce Card, IceStorm 2.0, White LED Lighting, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	6144
Speed	2512 MHz Boost
Memory	12GB GDDR7 28 Gbps 192-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 Ti 16GB TWIN EDGE

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	4608
Speed	2572 MHz Boost
Memory	16GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b

GEFORCE RTX™ 5060 Ti SERIES



GEFORCE RTX 5060 Ti 16GB AMP

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans, White LED lighting
CUDA Cores	4608
Speed	2632 MHz Boost
Memory	16GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 Ti 8GB AMP

Features	SFF-ready Compact Card, IceStorm 2.0, White LED Lighting, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	4608
Speed	2632 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 Ti 16GB TWIN EDGE OC WHITE EDITION

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	4608
Speed	2602 MHz Boost
Memory	16GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 Ti 8GB TWIN EDGE OC WHITE EDITION

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	4608
Speed	2602 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 Ti 16GB TWIN EDGE OC

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	4608
Speed	2602 MHz Boost
Memory	16GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 Ti 8GB TWIN EDGE OC

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	4608
Speed	2602 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 Ti 8GB TWIN EDGE

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	4608
Speed	2572 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 TWIN EDGE

Features	SFF-ready Compact Card, Metal Backplate, BladeLink Fans
CUDA Cores	3840
Speed	2497 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b

GEFORCE RTX™ 5060 SERIES



GEFORCE RTX 5060 AMP

Features	SFF-ready Compact Card, IceStorm 2.0, Freeze Fan Stop, Metal Backplate, BladeLink Fans
CUDA Cores	3840
Speed	2550 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 SOLO

Features	SFF-ready Compact Card, Ultra compact design, 99% PC Case Compatible, BladeLink Fan
CUDA Cores	3840
Speed	2497 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b

GEFORCE RTX™ 5050 SERIES



GEFORCE RTX 5060 TWIN EDGE OC WHITE EDITION

Features	SFF-ready Compact Card, Metal Backplate, BladeLink Fans
CUDA Cores	3840
Speed	2527 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5050 TWIN EDGE OC WHITE EDITION

Features	SFF-ready Compact Card, Metal Backplate, BladeLink Fans
CUDA Cores	2560
Speed	2602 MHz Boost
Memory	8GB GDDR6 20 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5060 TWIN EDGE OC

Features	SFF-ready Compact Card, Metal Backplate, BladeLink Fans
CUDA Cores	3840
Speed	2527 MHz Boost
Memory	8GB GDDR7 28 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5050 TWIN EDGE OC

Features	SFF-ready Compact Card, Metal Backplate, BladeLink Fans
CUDA Cores	2560
Speed	2602 MHz Boost
Memory	8GB GDDR6 20 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5050 TWIN EDGE

Features	SFF-ready Compact Card, Metal Backplate, BladeLink Fans
CUDA Cores	2560
Speed	2572 MHz Boost
Memory	8GB GDDR6 20 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



GEFORCE RTX 5050 SOLO

Features	SFF-ready Compact Card, Super compact design, 99% PC Case Compatible, BladeLink Fan
CUDA Cores	2560
Speed	2572 MHz Boost
Memory	8GB GDDR6 20 Gbps 128-bit
Display Connectors	3x DisplayPort 2.1b, HDMI 2.1b



T O G A M I N G A N D B E Y O N D

ZOTAC GAMING GEFORCE RTX™ 50 SERIES

	GeForce RTX 50 Series						
	MEMORY	CUDA CORES	AI TOPS	MULTI-MONITOR SUPPORT	MINIMUM RECOMMENDED PSU	POWER CONNECTOR	SLOT SIZE
GeForce RTX 5070 AMP White Edition	12GB GDDR7	6144	988	max 4	650W	1 x 12V-2x6	2
GeForce RTX 5070 SOLID OC	12GB GDDR7	6144	988	max 4	650W	1 x 12V-2x6	2
GeForce RTX 5070 SOLID	12GB GDDR7	6144	988	max 4	650W	1 x 12V-2x6	2
GeForce RTX 5070 Twin Edge OC	12GB GDDR7	6144	988	max 4	650W	1 x 12V-2x6	2
GeForce RTX 5070 Twin Edge	12GB GDDR7	6144	988	max 4	650W	1 x 12V-2x6	2
GeForce RTX 5060 Ti 16GB AMP	16GB GDDR7	4608	759	max 4	650W	1 x 8-pin	2
GeForce RTX 5060 Ti 16GB Twin Edge OC White Edition	16GB GDDR7	4608	759	max 4	600W	1 x 8-pin	2
GeForce RTX 5060 Ti 16GB Twin Edge OC	16GB GDDR7	4608	759	max 4	600W	1 x 8-pin	2
GeForce RTX 5060 Ti 16GB Twin Edge	16GB GDDR7	4608	759	max 4	600W	1 x 8-pin	2
GeForce RTX 5060 Ti 8GB AMP	8GB GDDR7	4608	759	max 4	650W	1 x 8-pin	2
GeForce RTX 5060 Ti 8GB Twin Edge OC White Edition	8GB GDDR7	4608	759	max 4	600W	1 x 8-pin	2
GeForce RTX 5060 Ti 8GB Twin Edge OC	8GB GDDR7	4608	759	max 4	600W	1 x 8-pin	2
GeForce RTX 5060 Ti 8GB Twin Edge	8GB GDDR7	4608	759	max 4	600W	1 x 8-pin	2
GeForce RTX 5060 AMP	8GB GDDR7	3840	614	max 4	600W	1 x 8-pin	2
GeForce RTX 5060 Twin Edge OC White Edition	8GB GDDR7	3840	614	max 4	550W	1 x 8-pin	2
GeForce RTX 5060 Twin Edge OC	8GB GDDR7	3840	614	max 4	550W	1 x 8-pin	2
GeForce RTX 5060 Twin Edge	8GB GDDR7	3840	614	max 4	550W	1 x 8-pin	2
GeForce RTX 5060 SOLO	8GB GDDR7	3840	614	max 4	550W	1 x 8-pin	2
GeForce RTX 5050 Twin Edge OC White Edition	8GB GDDR6	2560	421	max 4	550W	1 x 8-pin	2
GeForce RTX 5050 Twin Edge OC	8GB GDDR6	2560	421	max 4	550W	1 x 8-pin	2
GeForce RTX 5050 Twin Edge	8GB GDDR6	2560	421	max 4	550W	1 x 8-pin	2
GeForce RTX 5050 SOLO	8GB GDDR6	2560	421	max 4	550W	1 x 8-pin	2



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