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ATX Mid-Tower Computer Case

D50

Panoramic tempered glass design maximizes system visibility

Dual-chamber structure enhances bottom intake airflow efficiency

Rear dual exhaust fans and top ventilation holes deliver more powerful cooling performance

Oblique corner intake design ensures smoother internal airflow circulation

Compatible with BTF (back-connect) motherboards for a cleaner internal system layout

Excellent hardware compatibility: Max. VGA length 415 mm, Max. CPU height 165 mm

High-speed USB Type-C port Ready

A built-in GPU support bracket included

Pre-installed 5 high-performance ARGB PWM fans.

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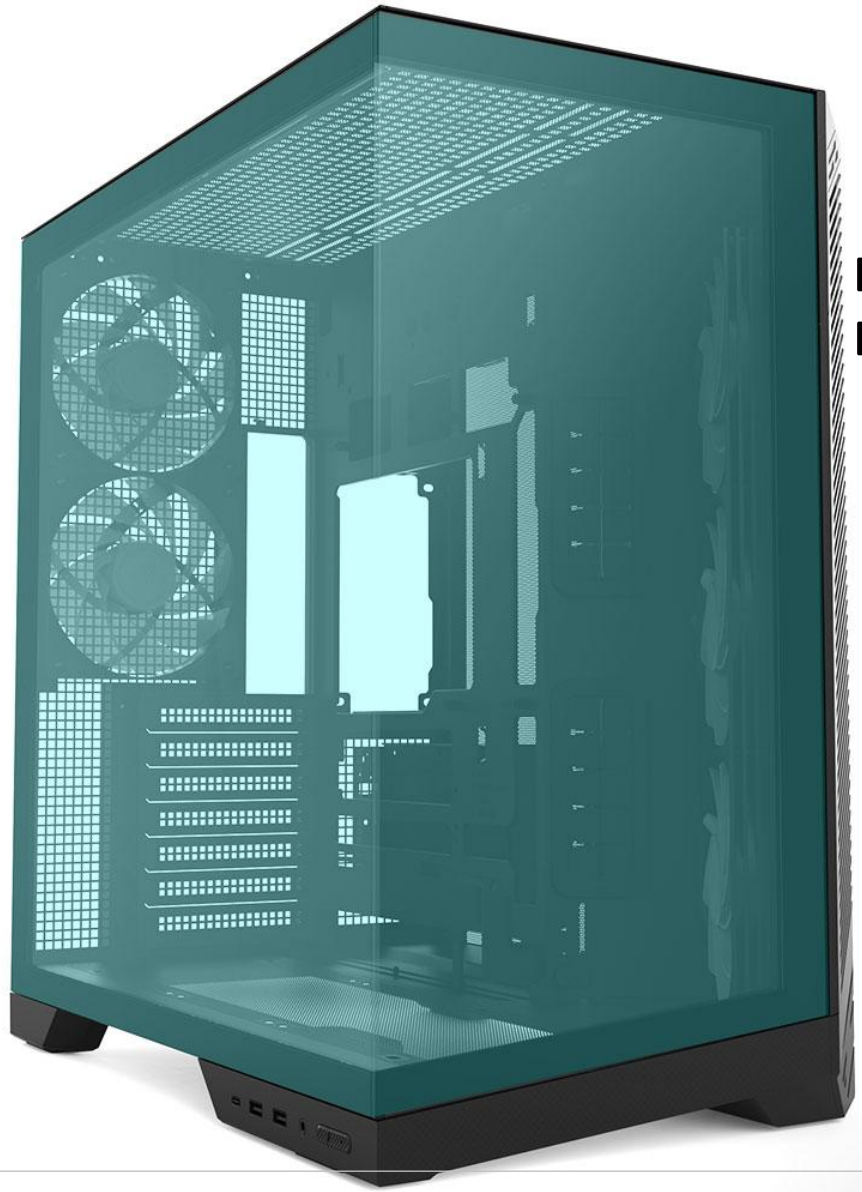
Deskterior PC Case with a Stunning System View



Expansive Workspace, Unobstructed View
D50 Dual-Chamber Panoramic Design

A frame-less panel design eliminates visual barriers, delivering a clean and open view.

Seamless integration between the front and side panels ensures a perfect system display from any angle.

The front and side tempered glass panels feature a ball-head push-pin mechanism, allowing quick and easy detachable for maximum convenience.

Minimal I/O Layout with Essential Ports

① Power Button ② Reset Button ③ HD Audio ④ USB 3.0 ⑤ USB Type-C

High-speed USB Type-C port for fast data transfer

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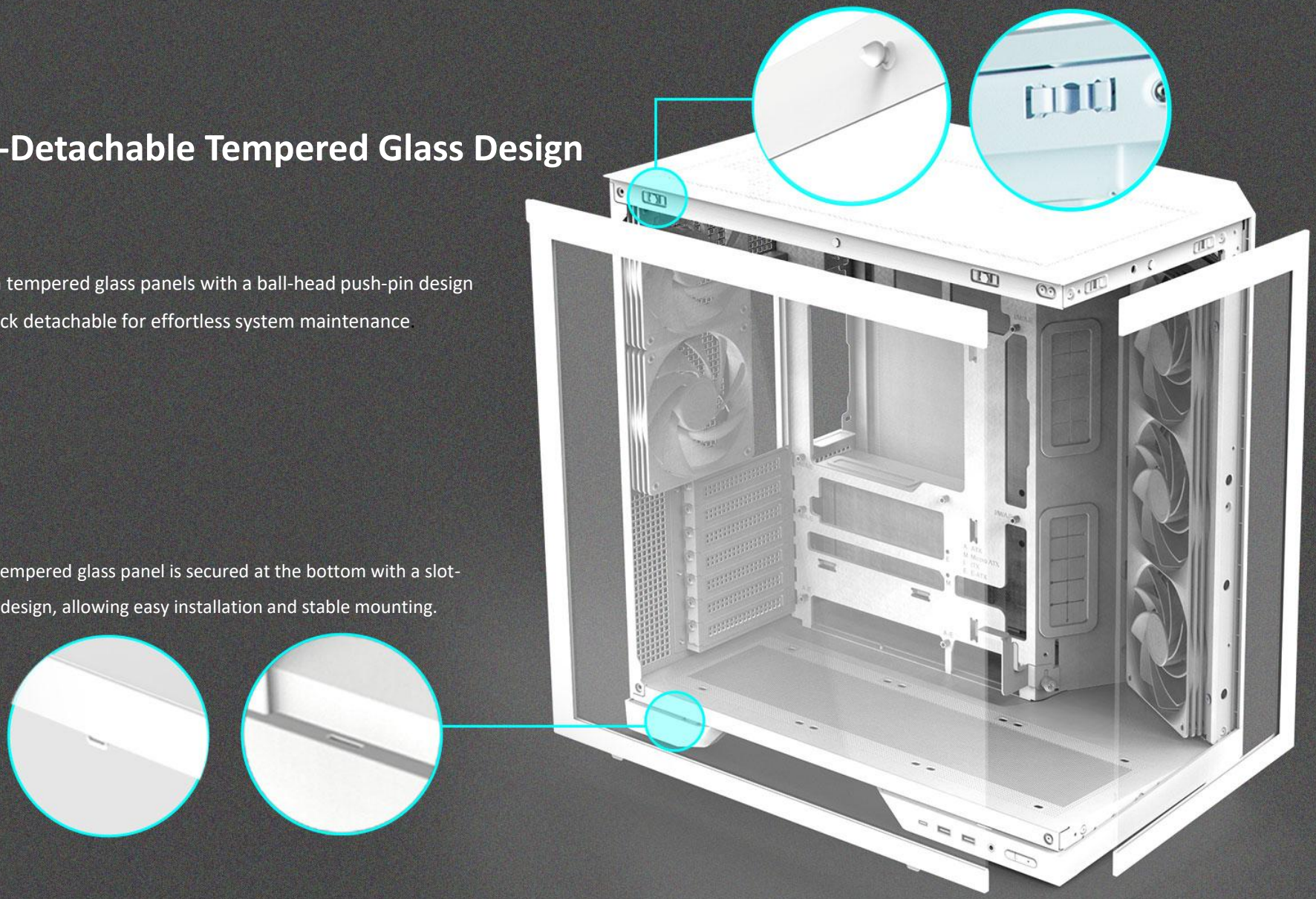
Easy-Detachable Tempered Glass Design

One-touch tempered glass panels with a ball-head push-pin design enable quick detachable for effortless system maintenance.

The tempered glass panel is secured at the bottom with a slot-in design, allowing easy installation and stable mounting.



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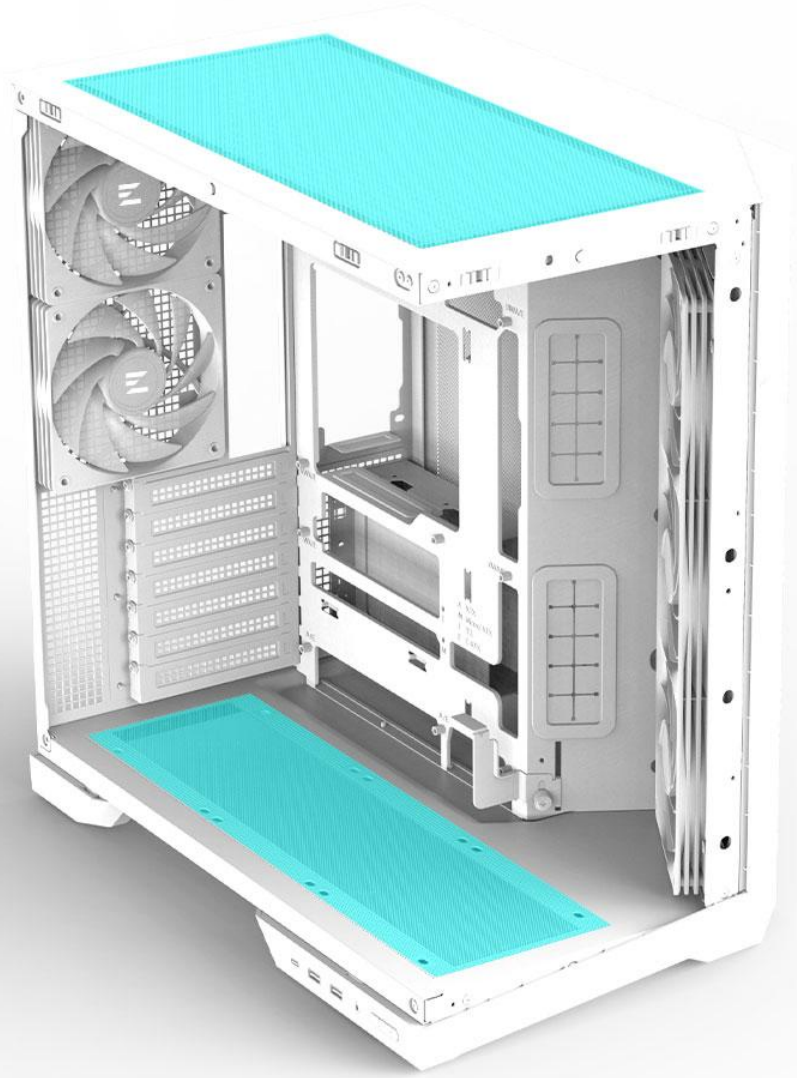
Side Air Intake for Enhanced Airflow

Optimized Side Airflow Design
Perforated side intake supports fan and PSU ventilation, while the 45° oblique air vent enhances smooth and efficient cooling.



Mesh Design for Optimal Cooling

Top, bottom, and side mesh panels enhance airflow for rapid heat dissipation.

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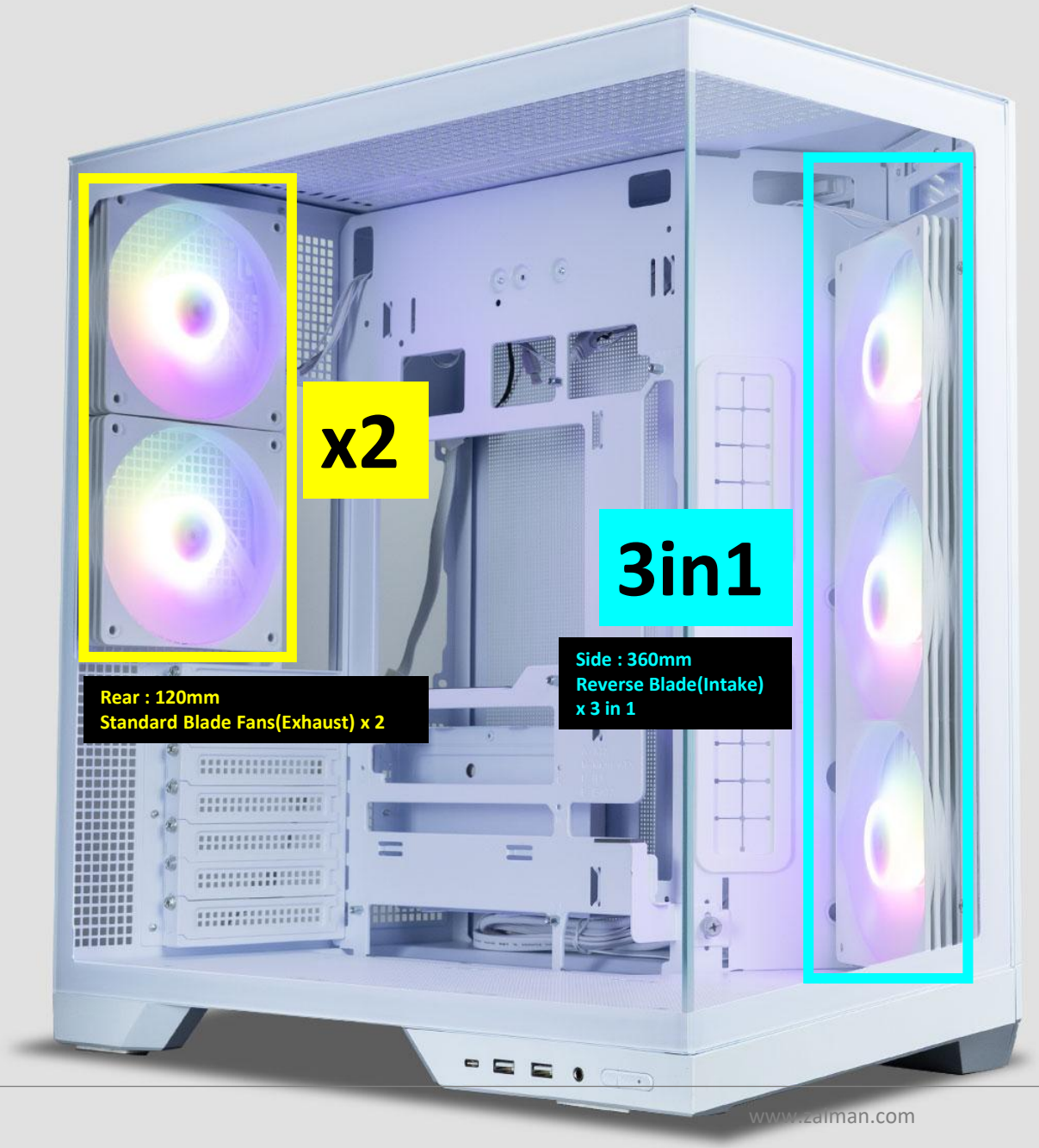

Stable Cooling with Optimized Airflow

360mm All-in-One Fan with Dual Rear Fans

3in1

Side
ZM-XF360R PWM ARGB Fan

Dimensions: 360 x 120 x 25mm
Bearing Type : Hydro Bearing
Speed : 600 ~ 2,000 RPM±10%
Max.Noise Level : 35.6dB(A) ±10%
Max. Air Flow : 70.59 CFM ±10%
Connector : 4-Pin
Rated Voltage : 12V DV (LED:5V DC)

x2

Rear
ZM-XF120 PWM ARGB Fan

Dimensions: 120 x 120 x 25mm
Bearing Type : Hydro Bearing
Speed : 600 ~ 2,000 RPM±10%
Max.Noise Level : 32.9dB(A) ±10%
Max. Air Flow : 71.14 CFM ±10%
Connector : 4-Pin
Rated Voltage : 12V DV (LED:5V DC)

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Quieter, More Powerful Performance

High Airflow, Low Noise PWM ARGB Fans

Pre-installed ZM-XF360R / ZM-XF120

Powerful Cooling, Seamless ARGB Sync

Pre-installed 360mm intake and dual rear fans provide strong cooling, with PWM control and motherboard sync for optimized performance and unified lighting.

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Unrestricted Surround Airflow from All Sides

Dual Rear Exhaust & Oblique Corner Intake

- Dual rear fan support accelerates heat exhaust, while the 360mm side intake with an oblique airflow design guides air smoothly toward the rear for efficient cooling.

- With a wide exhaust vent at the top and additional intake fans at the bottom, it effectively cools system components and expels hot air from inside the system.

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Seamless cooling in every nook and cranny

Top: Supports 360mm / 280mm Radiators

Spacious clearance allows for push-pull (fan–radiator–fan) configurations for enhanced cooling performance.

Bottom: Supports 360mm Radiators

Enables dedicated liquid cooling setups for high-performance GPUs.

Rear: Supports 120mm Radiators

Allows for triple radiator configurations in custom liquid cooling systems.

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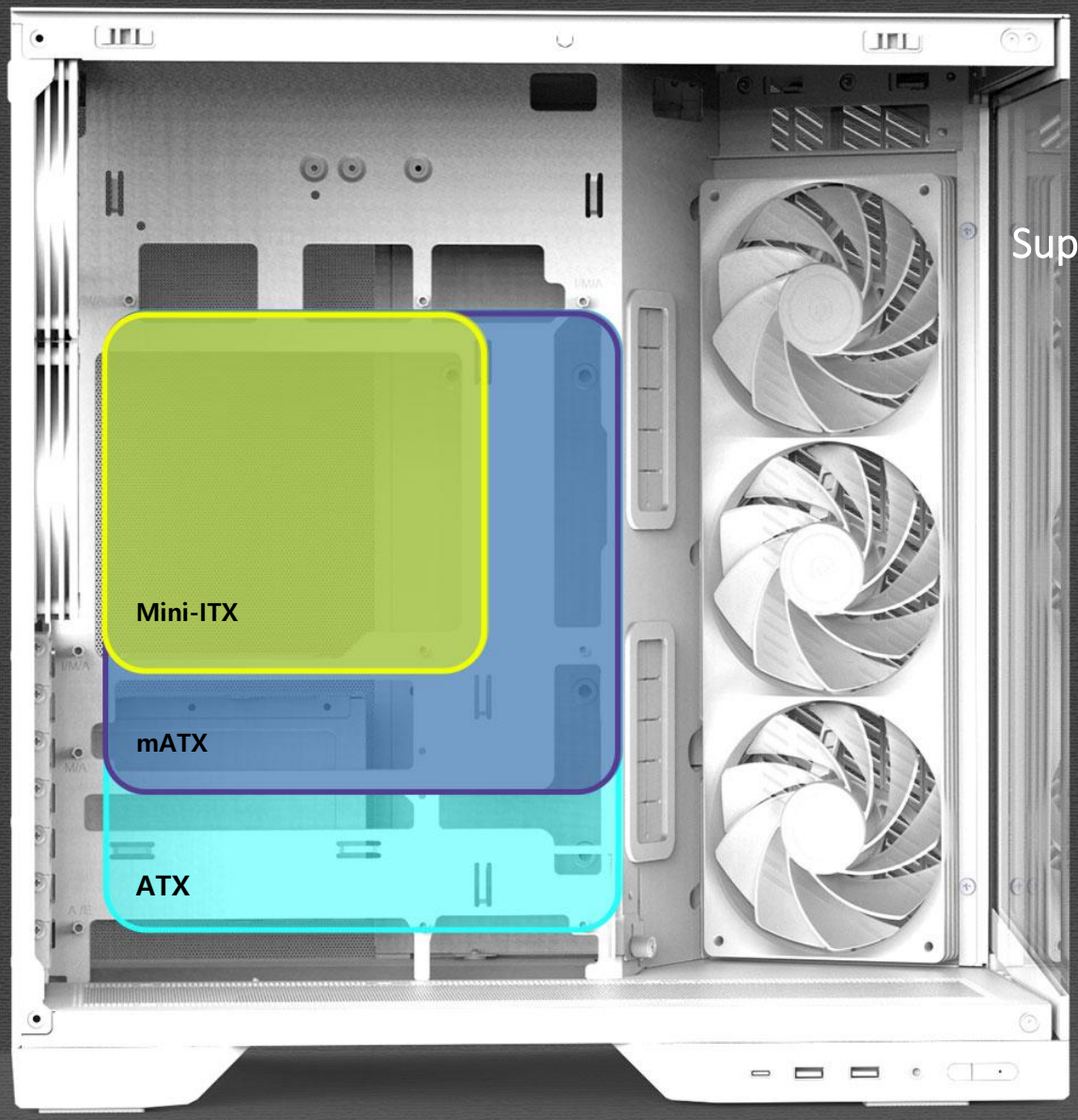

Supports Various Motherboard Form Factors

- Mini-ITX
- mATX / mATX BTF
- ATX / ATX BTF

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Designed for Compatibility with Rear-Connector Motherboards

Rear connector cutouts support motherboards with rear-facing connectors, enabling cleaner cable management and easier installation

What is a BTF Motherboard?

A BTF motherboard relocates key connectors—such as power, CPU power, SATA, and front I/O—to the rear, enabling cleaner cable management and easier installation.

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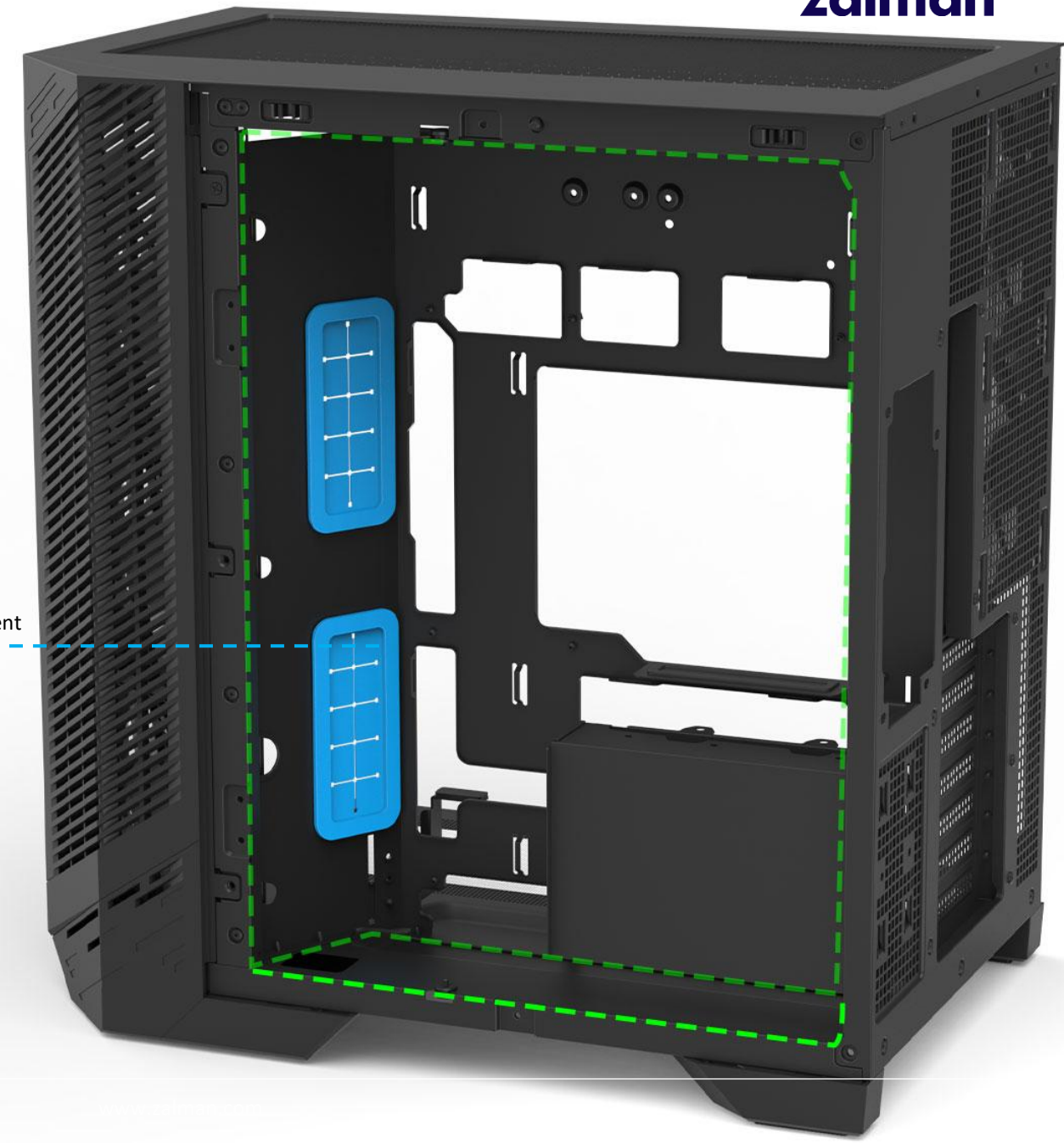
Effortless Cable Management
Optimized Cable Routing Design

Strategically placed cable routing holes enable clean cable management and an optimized system interior.

High-Quality Rubber Grommets for Organized Cable Management



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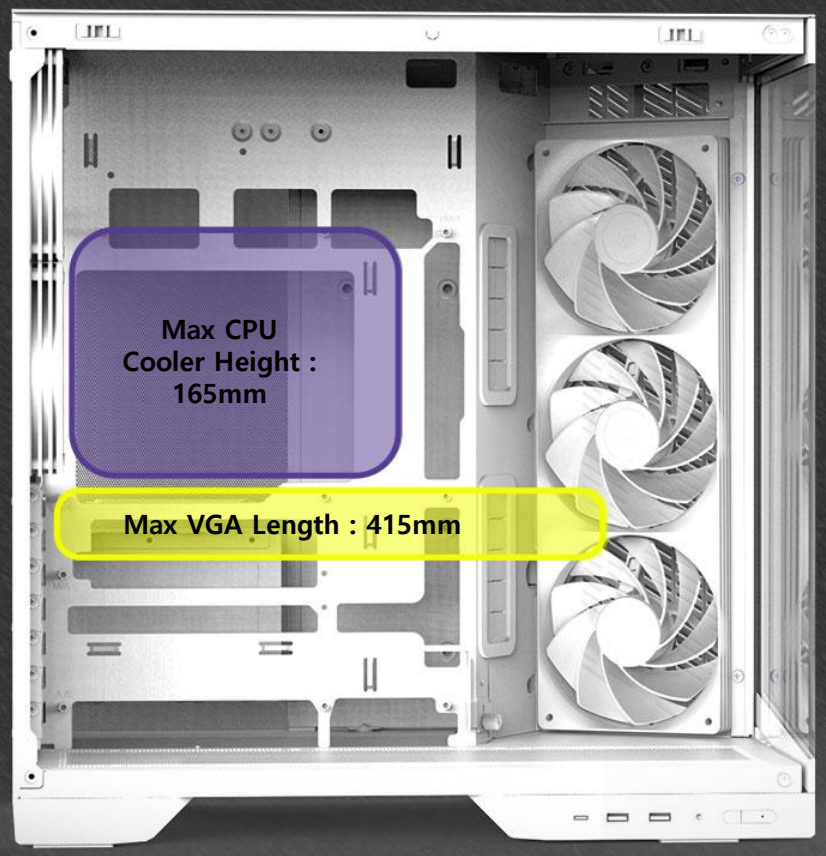
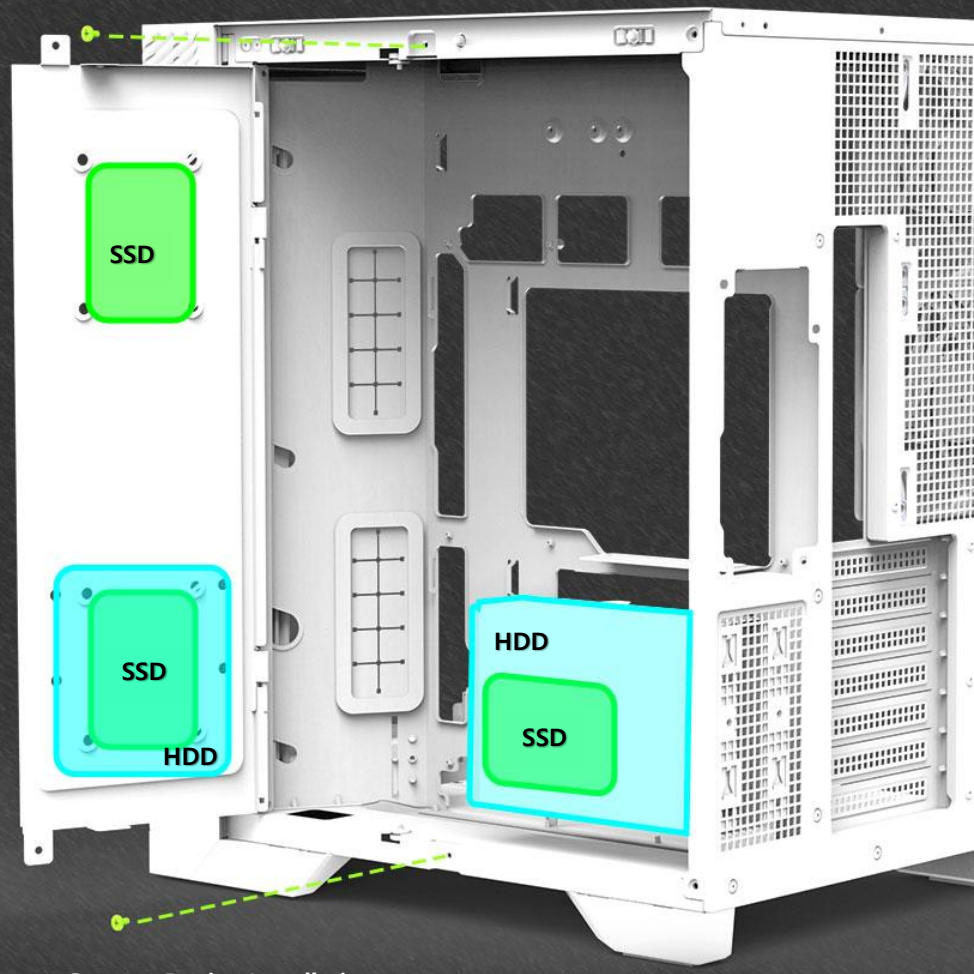
Excellent Expandability and Easy Installation





CPU Cooler Maximum Height

165mm

VGA Card Maximum Length

415mm

Storage Device Installation

1 x Combo(2.5'' or 3.5''), 2 x 2.5'', 2 x 3.5''

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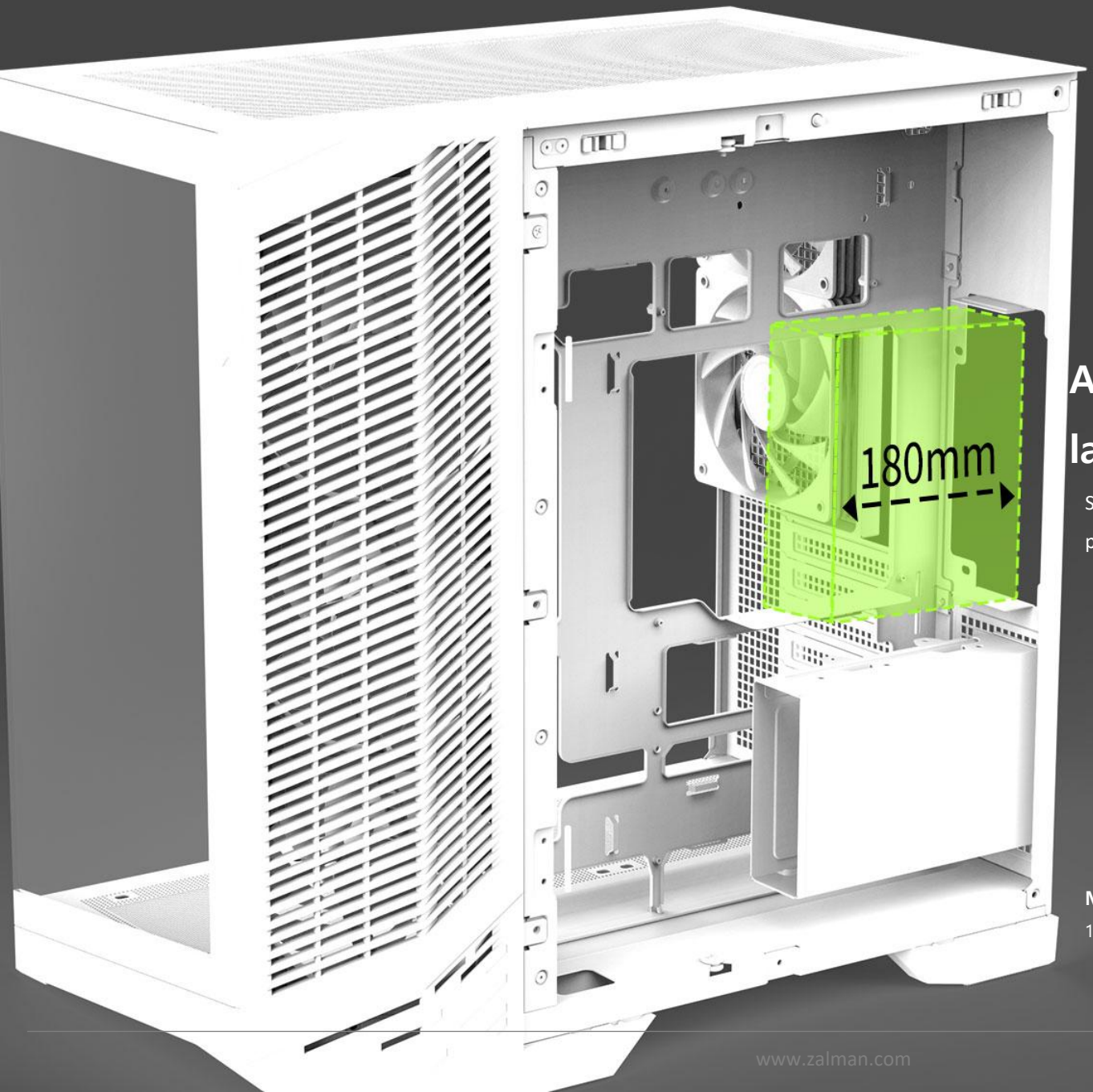
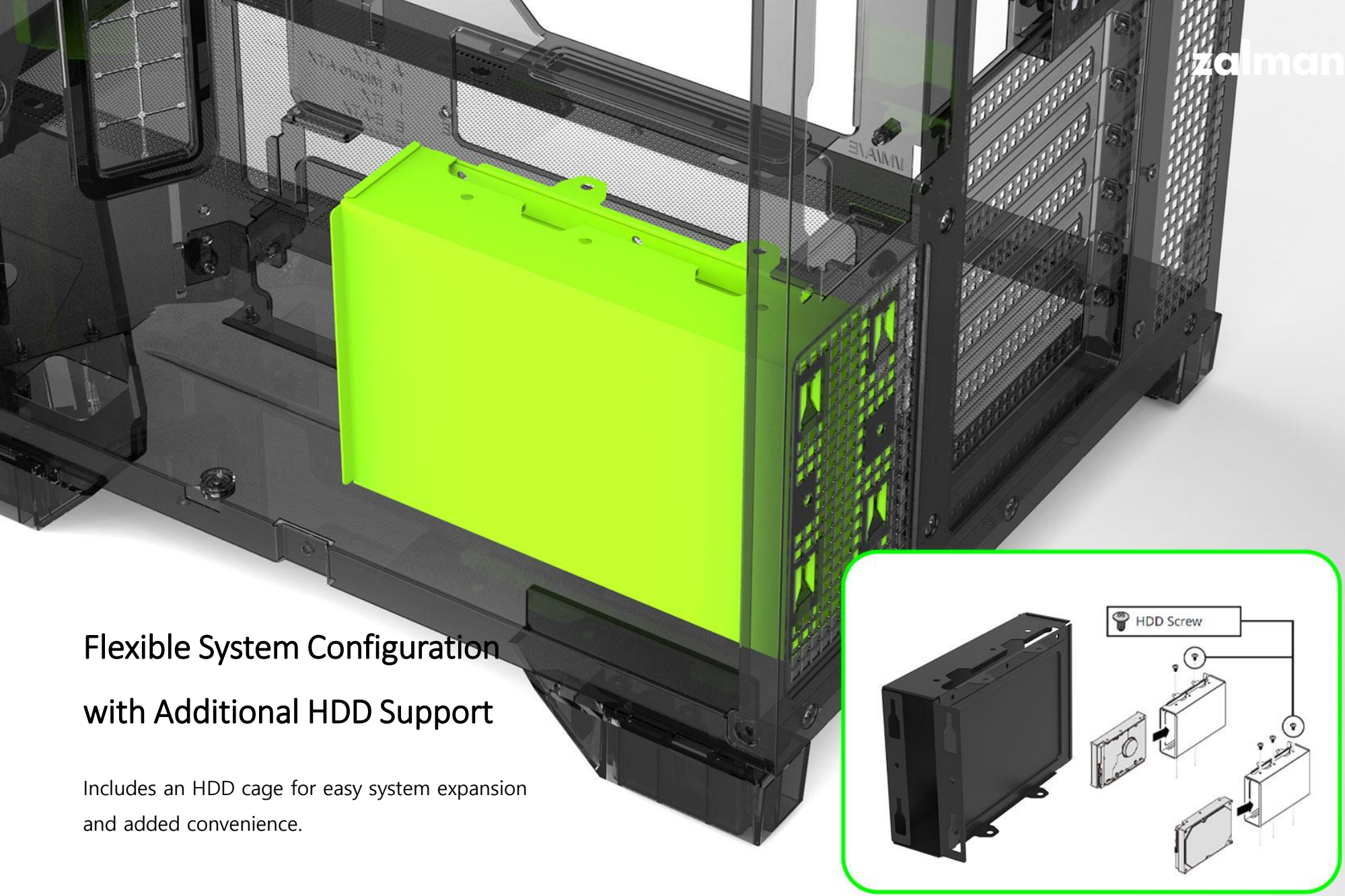


Ample Installation space for large-sized- PSUs

Supports up to 180mm PSUs, ideal for full modular power supplies.

Maximum PSU Length

180mm



Flexible System Configuration with Additional HDD Support

Includes an HDD cage for easy system expansion and added convenience.

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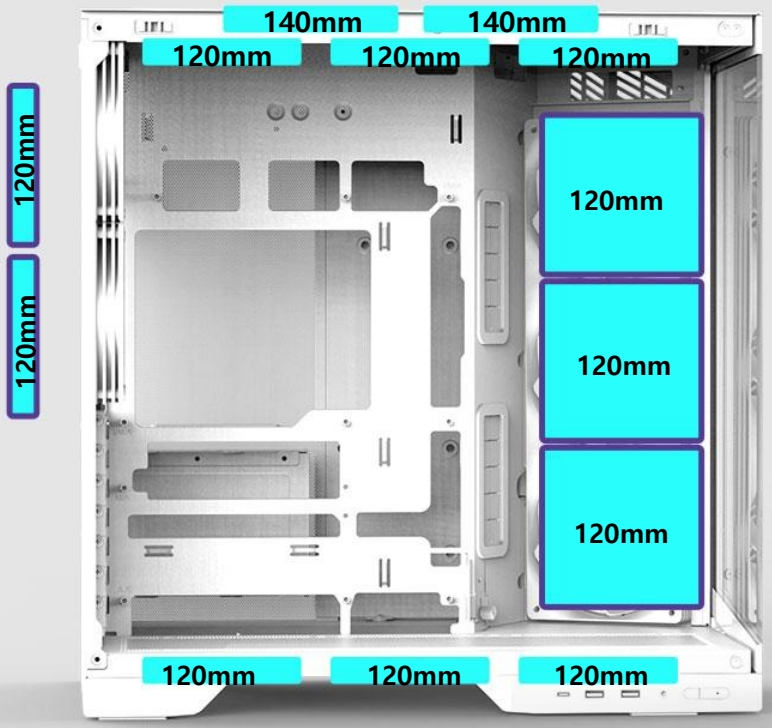
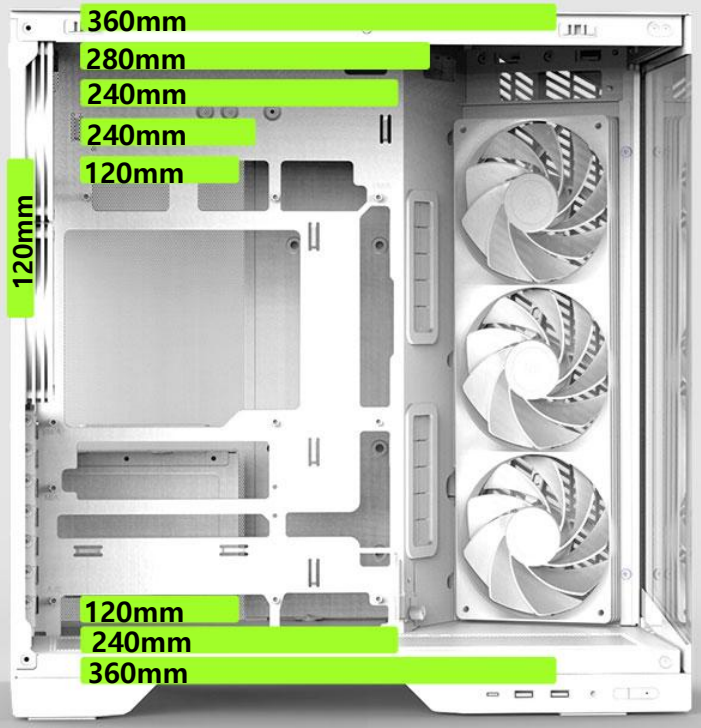




Flexible Cooling Solution supporting up to 11 Fans

Pre-installed Fans

Side : 3 x 120mm

Rear : 2 x 120mm

Supported Fans

Top : 3 x 120mm / 2 x 140mm

Side : 3 x 120mm

Bottom : 3 x 120mmm

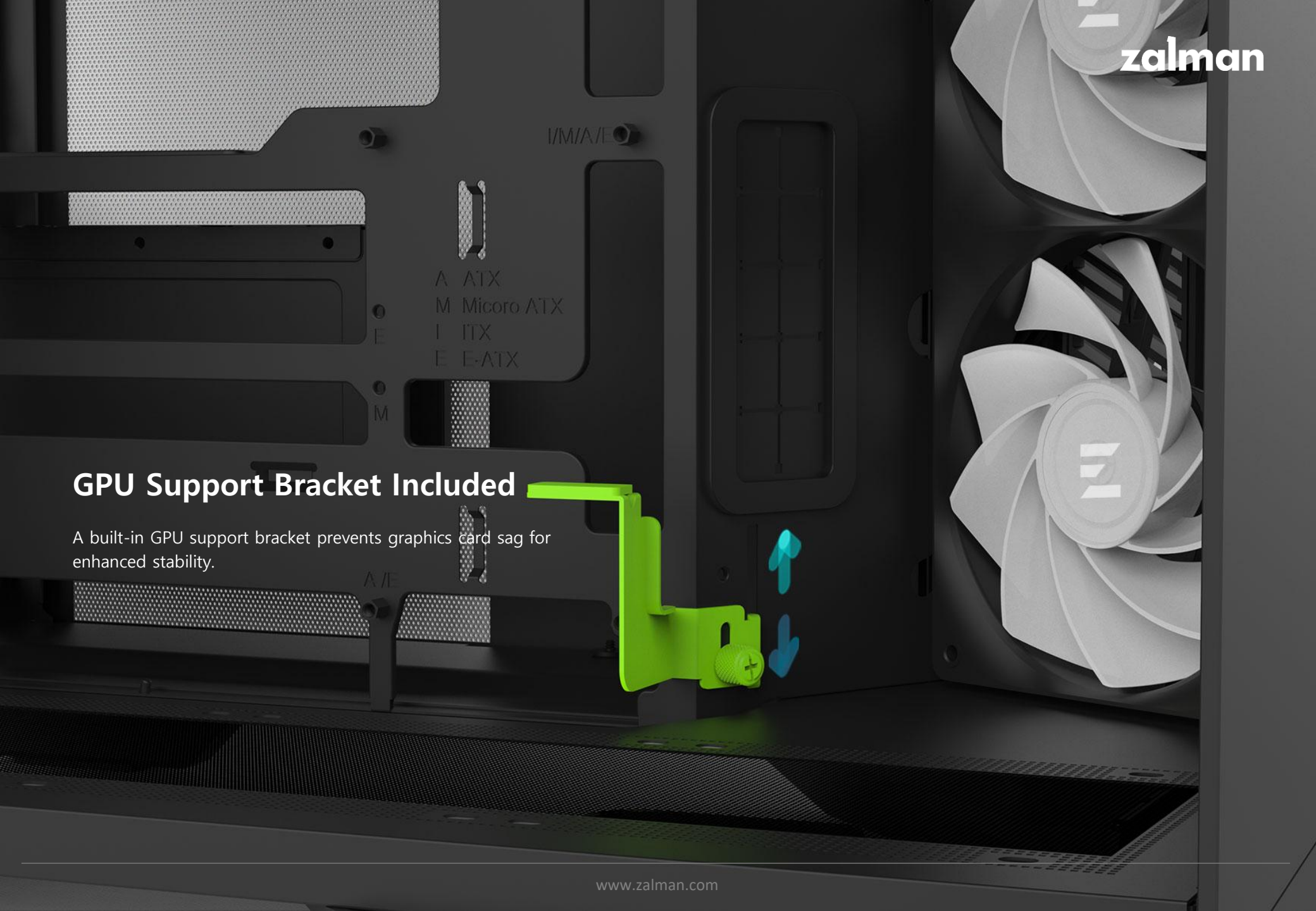
Rear : 2 x 120mm

Compatible Radiators

Top : 120mm / 140mm/ 240mm / 280mm / 360mm

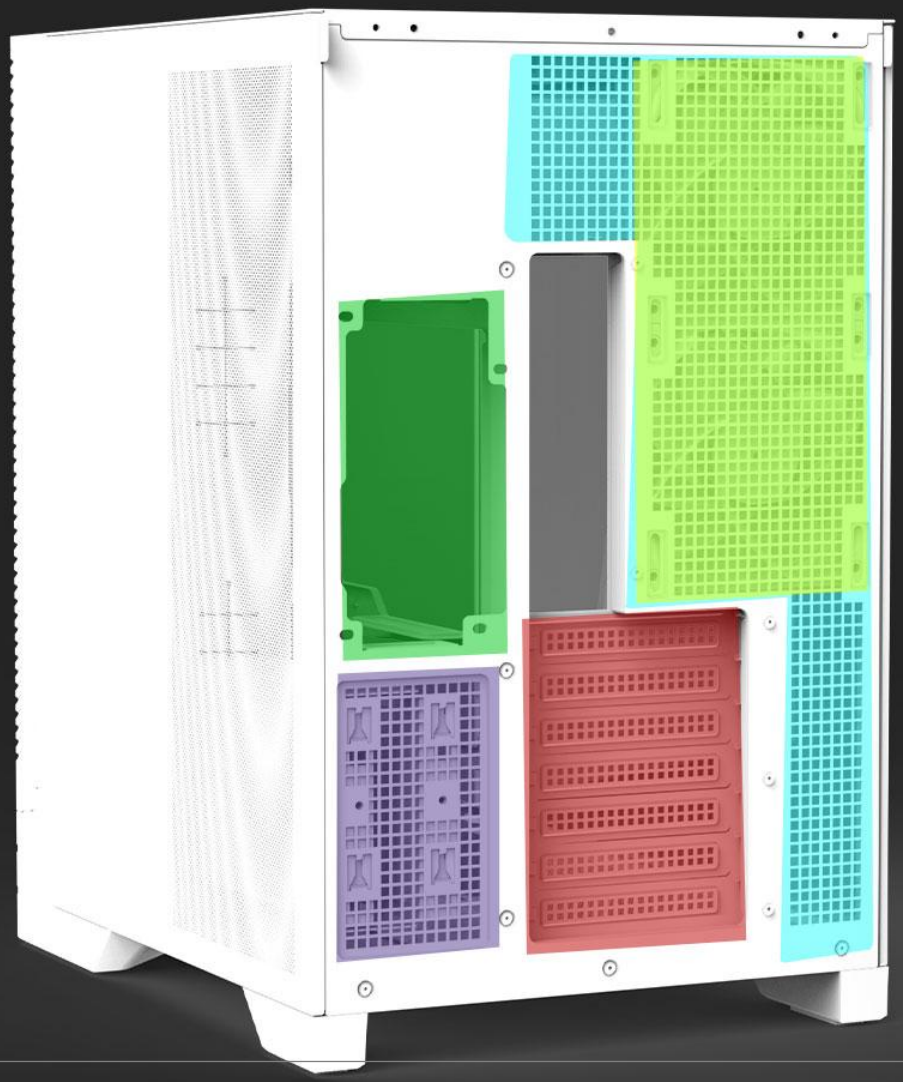
Bottom : 120mm / 240mm / 360mm

Rear : 1 x 120mm



GPU Support Bracket Included

A built-in GPU support bracket prevents graphics card sag for enhanced stability.



Rear Design

- Rear Mesh Panel
- Rear 120mm Fan x 2 (Pre-installed)
- PSU Mounting Area
- HDD Mounting Screws
- PCI Slots(7)

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Specifications

Model

D50
BLACK/WHITE

Materials

Steel, Plastic , Tempered Glass

Weight

9.2kg

Dimensions

454(L) x 290(W) x 464 (H)mm

Case Form Factor

ATX Mid-Tower

Motherboard Support

ATX / mATX / Mini-ITX

Fans Support

Top : 3 x 120mm / 2 x 140mm

Side : 3 x 120mm

Rear : 2 x 120mm

Bottom : 3 x 120mm

Fan(s) Included

Side : 1 x 360mm ARGB

Rear : 2 x 120mm ARGB

Drive Bays

1 x Combo(2.5" or 3.5"),
2 x 2.5", 2 x 3.5"

Radiator Support

Top : 120mm / 140mm/ 240mm / 280mm / 360mm

Rear : 120mm

Bottom : 120mm / 240mm 360mm

Max VGA Length

415mm

Max CPU Cooler Height

165mm

Max PSU Length

180mm

I/O Ports

Power, Power LED,
Reset & LED, 1 x USB Type C(20Gbps) , HD Audio,
2 x USB 3.0

PCI Expansion Slots

7 pcs

WHY BUY?

Panoramic Style, Powerful Cooling, and Build-Ready Versatility

The D50 combines a stunning panoramic tempered glass design with powerful out-of-the-box cooling and excellent hardware compatibility. With five pre-installed ARGB PWM fans, support for up to 11 fans, BTF motherboards, graphics cards up to 415 mm, high-speed USB Type-C connectivity, and a built-in GPU support bracket, it delivers everything you need for a clean, high-performance PC build.