

CRYSTAL CG1

CASE



Contents

Intended Use3

Safety Precautions.....3

Package Contents.....3

Specifications3

Assembly5

ARGB Fan Controller9

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal10

Warranty Information.....10

Additional Information10

ARDOR GAMING Crystal CG1 Midtower Case

User Manual

Dear Customer,

Thank you for your trust!

Our team fully shares your passion for computer games, which is why we put all our efforts into making your gaming experience unforgettable with our accessories for gamers. Wishing you new victories and the brightest impressions ahead!

Intended Use

The case is designed to protect PC components from external factors and mechanical damage, as well as to maintain optimal thermal conditions.

Safety Precautions

- Do not make any modifications to the case construction.
- The case is not intended for commercial use.
- The case is not intended for use by children or persons with reduced physical, sensory, or mental capabilities, unless they are supervised by a person responsible for their safety. Do not allow children to play with the case.
- Keep liquids away from the product. Do not touch the case with wet hands.

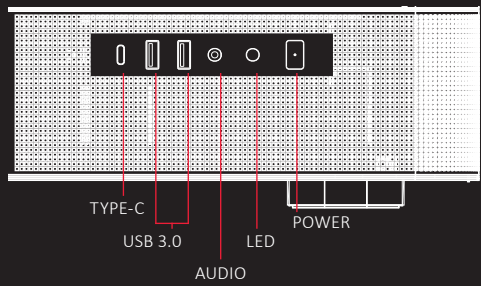
Package Contents

- Case
- User manual
- Hardware kit
- GPU support bracket

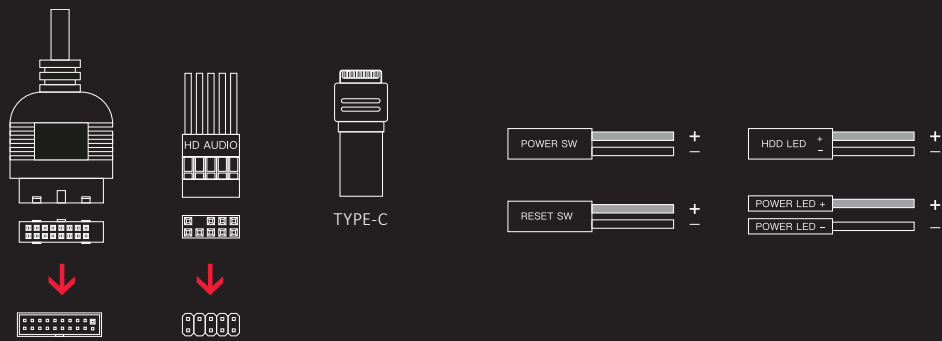
Specifications

- Model: Crystal CG1
- Trademark: ARDOR GAMING
- Standard size: Midtower
- PSU form factor: ATX
- Supported motherboard form factors:
 - mATX
 - ITX
 - ATX
- Rear AIO radiator support: 120 mm
- Top AIO radiator support:
 - 240 mm
 - 280 mm
 - 360 mm
 - 420 mm
- Side AIO radiator support:
 - 120 mm
 - 240 mm
 - 280 mm
- Top fan support:
 - 3 × 120 mm
 - 3 × 140 mm
- Dust filter support: Bottom panel
- Max. CPU cooler height: 180 mm
- Max. GPU length: 400 mm
- Front panel material: Glass
- Fan controller: ARGB hub-B
- Included fans:
 - Side: 3 × 120 mm
 - Rear: 1 × 120 mm
- Side fan support:
 - 3 × 120 mm
 - 2 × 140 mm
- PSU compartment fan support:
 - 3 × 120 mm
 - 3 × 140 mm
- Rear fan support: 1 × 120 mm
- I/O panel location: Left side
- PSU location: Bottom
- I/O ports:
 - USB Type-C
 - 3.5 mm audio jack
 - 2 × USB 3.2 Gen 1
- 2.5" drive bays: 3
- 3.5" drive bays: 2
- Expansion slots: 7 pcs
- Glass thickness: 4 mm
- Metal thickness: 0.6–0.7 mm
- Dimensions (W × D × H): 238 × 483 × 502 mm
- Net weight: 9.48 kg

Case Side Panel



Side Panel Connection Diagram to Motherboard



Note: For detailed connection instructions, please refer to the user manual provided with your motherboard.

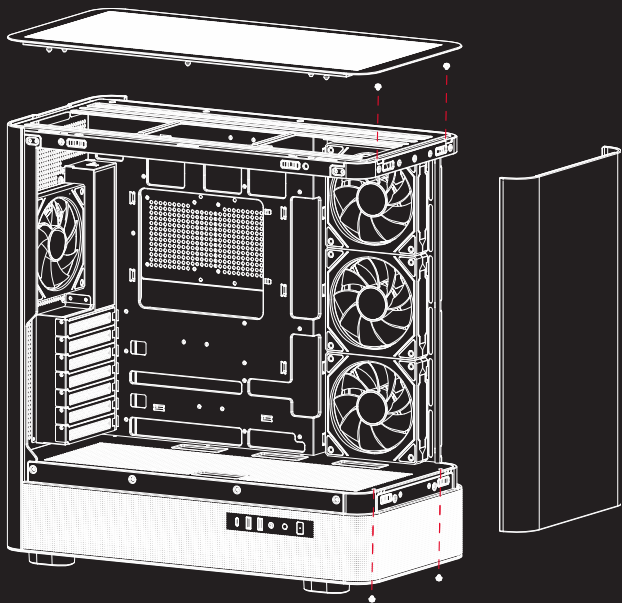
Assembly

Hardware Kit

 x17	Motherboard screws	 x1	GPU support bracket
 x6	PSU screws	 x6	Cable ties
 x3	Motherboard standoffs	 x1	System speaker
 x8	HDD drive screws	 x1	Standoff installation bit
 x2	Cable management clips	 x12	Fan screws

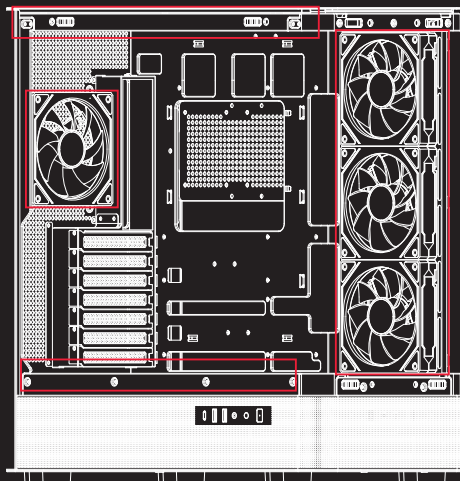
Before beginning assembly, remove the side panels and the tempered glass panel.

CAUTION! Place the tempered glass panel on a soft surface (e.g., a cloth or blanket) to prevent scratches and damage.

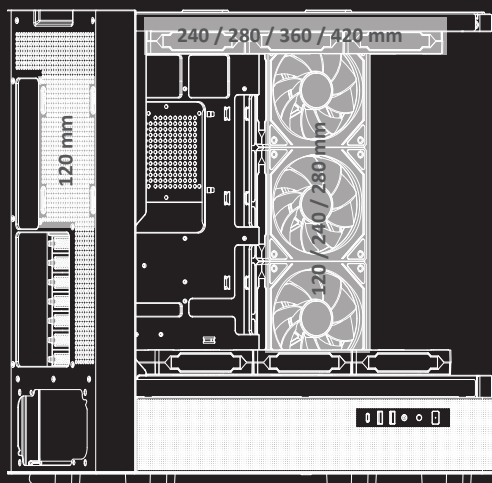


Fan Mounting

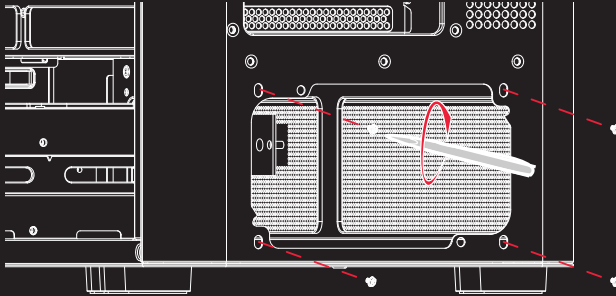
- Top fan support:
 - 3 × 140 mm.
 - 3 × 120 mm.
- Side fan support:
 - 3 × 120 mm.
 - 2 × 140 mm.
- PSU compartment fan support:
 - 3 × 120 mm.
 - 3 × 140 mm.
- Rear fan support: 1 × 120 mm.



AIO Liquid Cooling Mounting

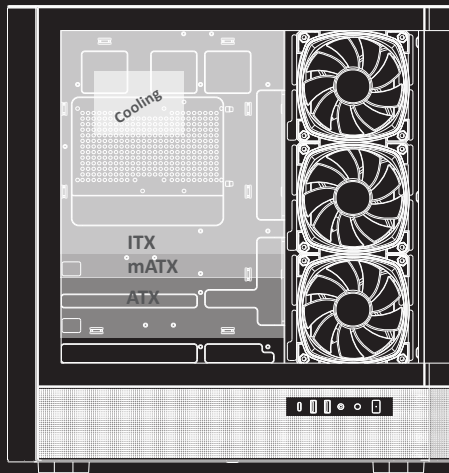


Power Supply Unit (PSU) Installation



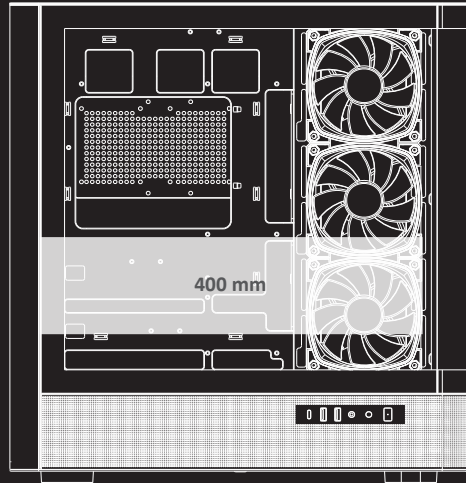
1. Install the PSU into the case.
2. Insert the screws into the indicated holes on the diagram and tighten them securely.

Motherboard Installation



3. Install the motherboard standoffs into the corresponding holes in the case.
4. Place the motherboard onto the standoffs.
5. Secure the motherboard with screws.

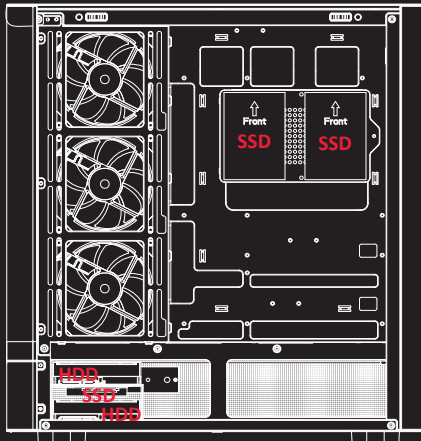
Graphics Card Installation



1. Remove the required number of PCIe slot covers for your graphics card.
2. Install the graphics card and secure it with screws.

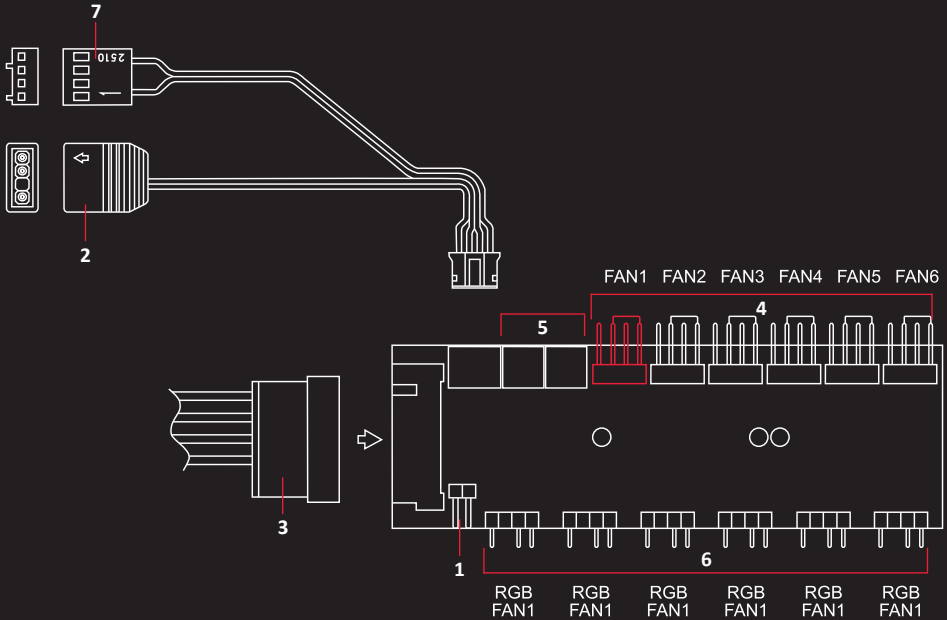
Note: To prevent GPU sag, support the free corner of the graphics card with the included GPU support bracket.

2.5" SSD and 3.5" HDD Installation



1. Place the drive into the mounting bracket, aligning the screw holes.
2. Secure the drive in place by tightening the screws.

ARGB Fan Controller



1. 2-pin connector: For connecting the LED button to control lighting.
2. 3-pin ARGB (5 V) connector: For connection to the motherboard to control lighting via manufacturer software.
3. SATA power cable: Connects to the power supply.
4. 4-pin PWM fan connectors: For connecting and controlling fan speeds.
5. 3-pin LED connectors: For LED strip lighting.
6. 3-pin ARGB (5 V) fan lighting connectors: For connecting and controlling fan lighting.
7. Motherboard PWM fan control connector: For connection to the motherboard to control fan speed.

Note: The fan connected to the FAN1 port (highlighted in red) will report its rotation speed to the motherboard.

Operation

- Control is performed manually via the LED button on the case's side panel. Upon first power-on, a random LED lighting effect is activated.
- Press and hold the LED button for 3 seconds to switch to motherboard software control for the lighting.
- Press and hold the LED button for 5 seconds to turn off the lighting completely.
- Press the button again to return to manual control via the LED button.

Fan Lighting Control via the LED Button

1. Connect the LED button connector to the 2-pin port.
2. Connect the fans to the 4-pin ports.
3. Connect the 3-pin ARGB (5 V) connectors from the fans to the controller to connect and control the fan lighting.
4. Connect the LED strip to the 3-pin ports.
5. Connect the SATA cable to the power supply.
6. Press the LED button on the PC case to start operation.

Fan Lighting Control via Motherboard Software

1. Ensure your motherboard has a 3-pin ARGB connector.
2. Locate the 3-pin ARGB connector on the controller.
3. Connect the controller's 3-pin ARGB connector to the motherboard.
4. Before connecting the 3-pin ARGB connector to the motherboard, download and install the fan lighting control software from the official website of your motherboard manufacturer. After launching the software, an LED indicator on your motherboard should light up, confirming successful synchronization (the location of the indicator depends on your specific motherboard model).
5. Press and hold the LED button on your PC case for 3 seconds to switch to fan lighting control via the motherboard software. Press the button again to return to manual control via the button.

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- The case does not require any assembly or mounting.
- The case must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The case must be transported in a dry place.
- The case requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the case must be carried out in accordance with local legislation.
- Disposal of this case must be carried out in accordance with local waste recycling regulations. By ensuring proper disposal of this product, you help prevent potential harm to the environment and human health resulting from uncontrolled waste disposal and promote the sustainable reuse of material resources. For more detailed information on collection and disposal points for this product, please contact your local municipal authorities or household waste collection service.
- If a case malfunction is detected, immediately contact an authorized service center or dispose of the product.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 18 months

Service Life: 24 months

For the up-to-date list of authorized service centers, please visit: <https://www.dns-shop.ru/service-center/>

Additional Information

Manufacturer: Guangzhou Yingfeng Technology Co., Ltd.

5th Floor, Zone A, Building B, No. 168 North Minzhu Avenue, Conghua District, Guangzhou City, Guangdong Province, China.

Made in China.

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.



LEARN MORE:
ARDOR-GAMING.COM
[VK.COM/ARDOR_GAMING](https://vk.com/ardor_gaming)

