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› [AMANSON](#) /

› [AMANSON H05 PC Case Instruction Manual](#)

AMANSON H05

AMANSON H05 PC Case Instruction Manual

Model: H05 (G300)

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your AMANSON H05 PC Case. Please read these instructions carefully before beginning the assembly process to ensure optimal performance and longevity of your system components.



Image 1.1: Front-side view of the AMANSON H05 PC Case with internal components and illuminated fans.

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Handle components with care to avoid damage from static electricity. Consider using an anti-static wrist strap.
- Keep small parts and screws away from children.
- Ensure proper ventilation around the PC case to prevent overheating.
- Avoid placing the PC case in direct sunlight or near heat sources.

- The tempered glass side panel is fragile; handle with care to prevent breakage.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- AMANSON H05 PC Case x 1
- PWM ARGB Fans x 6 (pre-installed)
- Instruction Manual x 1 (this document)
- Screw Accessories Kit x 1

Note: Motherboard, graphics card, power supply, and radiator are not included.

4. PRODUCT OVERVIEW AND FEATURES

The AMANSON H05 is an ATX Mid Tower gaming case designed for optimal airflow and component compatibility. Key features include:

- **Pre-installed 6 PWM ARGB Fans:** Provides efficient cooling and customizable lighting.
- **Tempered Glass Side Panel:** Hinged design for easy access and component visibility.
- **High-Performance Airflow:** Mesh front panel and strategic fan placement ensure effective cooling.
- **Spacious Interior:** Supports ATX, Micro-ATX, and Mini-ITX motherboards, and large graphics cards (up to 360mm).
- **Flexible Storage Options:** Multiple slots for HDDs and SSDs.
- **Intelligent I/O Panel:** Includes USB 3.0, HD Audio, Reset button, and Power switch for convenient connectivity.



6xPWM ARGB FANS

IDEAL SPECIFICATION

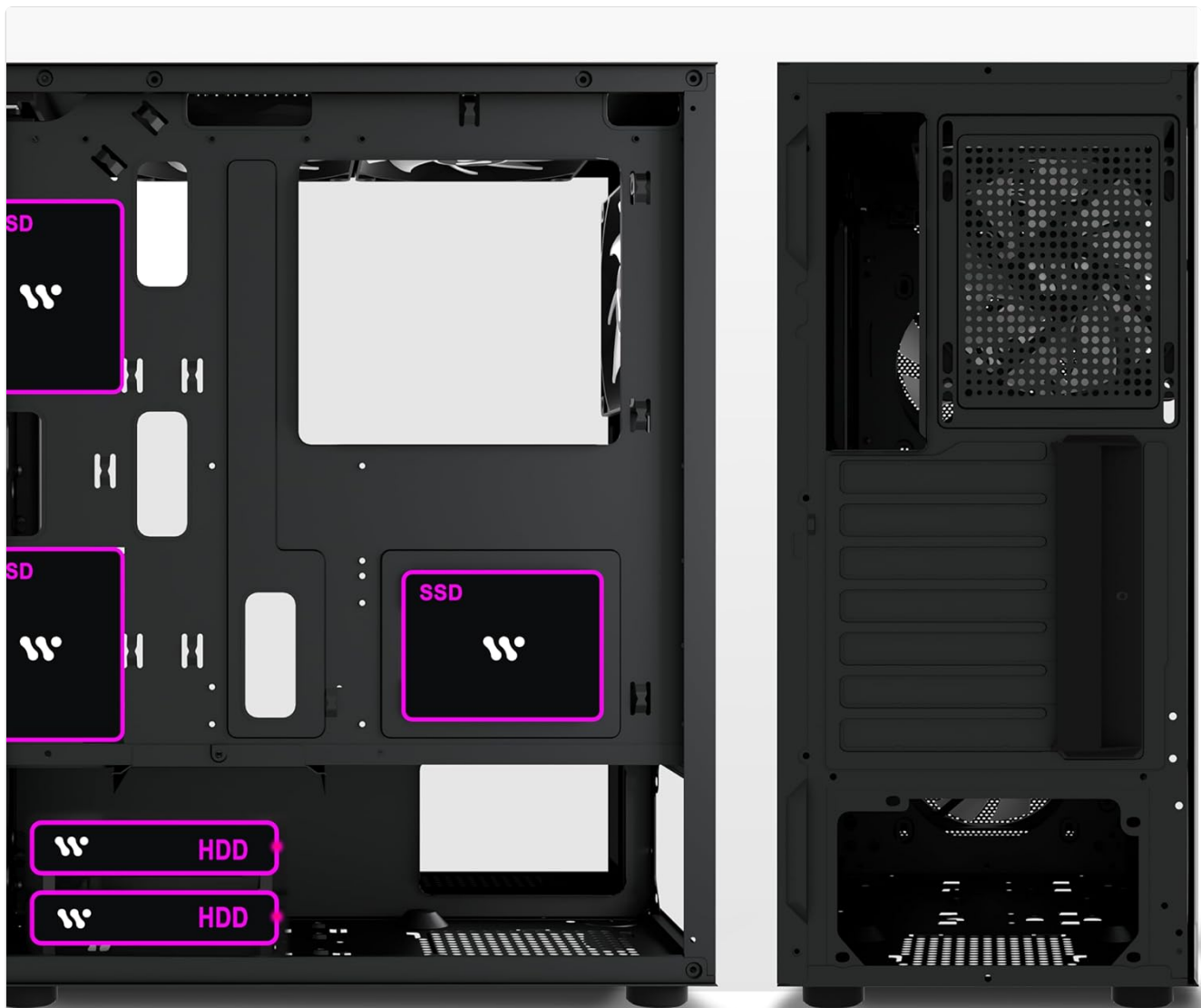
Image 4.1: Front view of the AMANSON H05 PC Case, highlighting the pre-installed fans.



HIGH-PERFORMANCE AIRFLOW

Ideal air duct design, cold airflow can pass through the front panel, and the filtered air from the bottom will be exhausted through the top and rear, unleashing the extreme performance of the device!

Image 4.2: Airflow diagram illustrating the cooling design of the H05 case.



IDEAL SPECIFICATION

Full tower chassis to give you more space to play

Image 4.3: Internal layout showing drive mounting options (SSD and HDD).

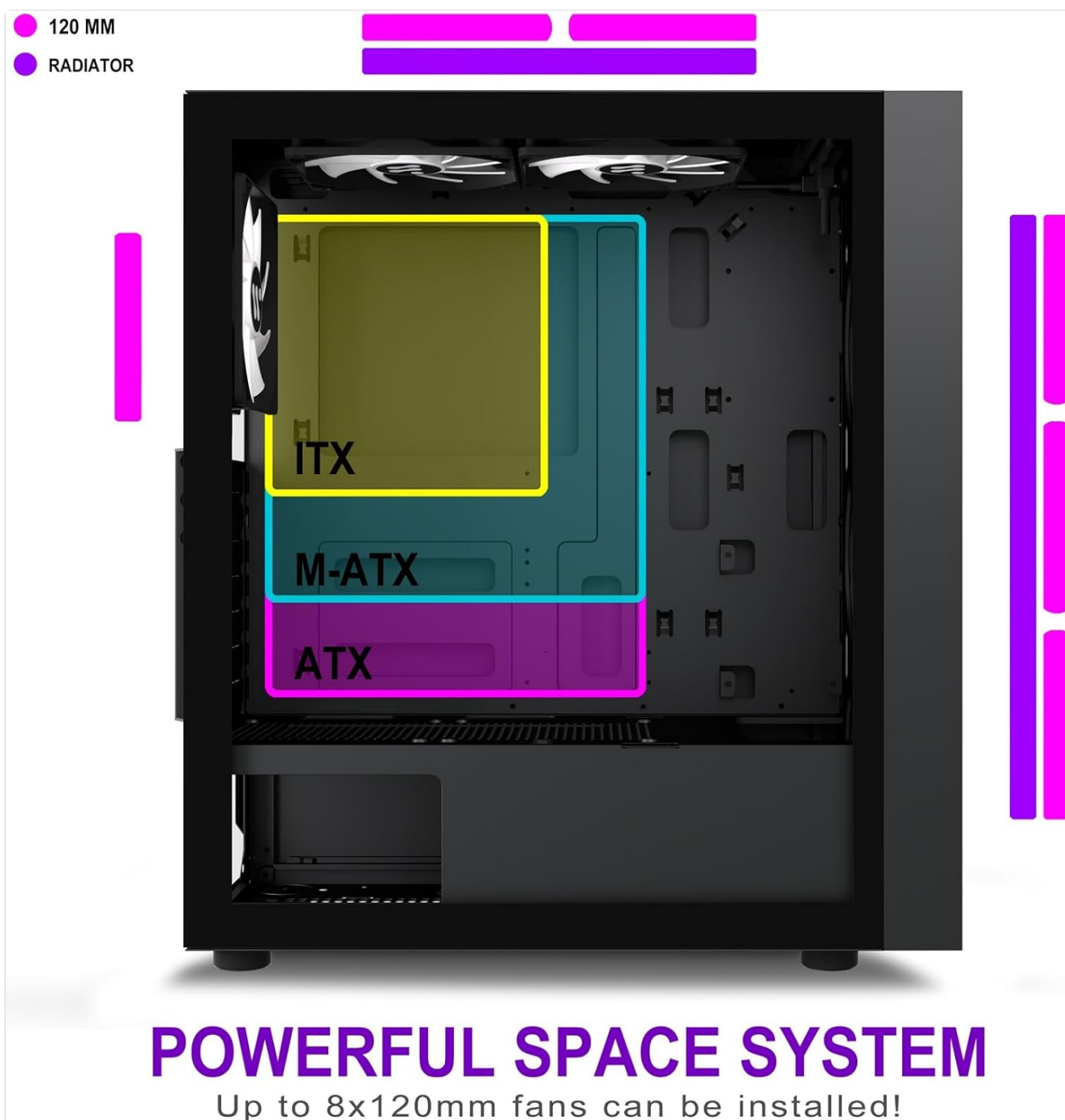


Image 4.4: Motherboard compatibility zones within the H05 case (ITX, M-ATX, ATX).

5. SETUP AND INSTALLATION

5.1. Preparation

- Unpack the PC case and place it on a stable, flat surface.
- Remove the tempered glass side panel by gently opening its hinge.
- Gather necessary tools: Phillips head screwdriver, cable ties.

5.2. Motherboard Installation

1. Install the I/O shield (if not pre-installed on your motherboard).
2. Align the motherboard with the standoffs inside the case. The H05 supports ATX, Micro-ATX, and Mini-ITX motherboards.
3. Secure the motherboard with the appropriate screws from the accessory kit.

5.3. Power Supply Installation

1. Position the power supply unit (PSU) in the bottom mount compartment.
2. Secure the PSU to the case with screws from the accessory kit.
3. Route the necessary power cables through the designated cutouts for cable management.

5.4. Storage Drive Installation (HDD/SSD)

The case provides multiple mounting slots for up to 3 HDDs and 3 SSDs.

1. Locate the HDD cages or SSD mounting brackets.
2. Mount your 2.5-inch SSDs or 3.5-inch HDDs using the provided screws.
3. Connect data and power cables to the drives.

5.5. Graphics Card (GPU) Installation

1. Remove the necessary PCIe slot covers from the rear of the case.
2. Insert your graphics card into the appropriate PCIe slot on the motherboard. The case supports GPUs up to 360mm in length.
3. Secure the graphics card with screws.
4. Connect the required PCIe power cables from the PSU to the graphics card.

5.6. Fan and Cooling Installation

The H05 case comes with 6 pre-installed PWM ARGB fans. Ensure their power and ARGB cables are correctly connected to your motherboard or a fan controller.

- The case supports multiple 360mm radiators for liquid cooling solutions. Refer to your radiator's manual for installation.

5.7. Connecting Front I/O Panel

Connect the cables from the front I/O panel to the corresponding headers on your motherboard:

- USB 3.0 header
- HD Audio header
- Power Switch header
- Reset Button header (also controls ARGB lighting modes)
- Power LED header

5.8. Cable Management

Utilize the space behind the motherboard tray and the cable tie points to route and secure cables. This improves airflow and aesthetics.

6. OPERATING INSTRUCTIONS

6.1. Powering On

1. Ensure all components are securely installed and all cables are connected.
2. Close the tempered glass side panel.
3. Connect the power cable to the PSU and a wall outlet.

4. Press the power button on the front I/O panel to start your system.

6.2. Fan Control and ARGB Lighting

- **PWM Fan Speed:** The pre-installed PWM fans can have their speed adjusted via your motherboard's BIOS settings or dedicated fan control software.
- **ARGB Lighting:** The ARGB lighting of the fans can be controlled by pressing the reset button on the front I/O panel. Each press cycles through different lighting modes and colors. For advanced synchronization, connect the ARGB header to a compatible motherboard and use the motherboard's lighting software.

7. MAINTENANCE

7.1. Cleaning the Case

- Regularly clean the exterior of the case with a soft, damp cloth. Avoid abrasive cleaners.
- For the tempered glass panel, use a glass cleaner and a microfiber cloth.
- The mesh front panel can be cleaned with a soft brush or compressed air to remove dust buildup.

7.2. Fan Cleaning

- Periodically use compressed air to clear dust from the fan blades and heatsinks.
- Ensure the system is powered off and unplugged before cleaning internal components.

7.3. Airflow Optimization

- Ensure no obstructions block the intake or exhaust vents of the case.
- Maintain good cable management to prevent interference with airflow.

8. TROUBLESHOOTING

- **System not powering on:** Check all power connections, including the PSU to the wall, PSU to motherboard, and front panel power switch header.
- **Fans not spinning/lighting up:** Verify fan power and ARGB headers are correctly connected to the motherboard or controller. Ensure the PSU is providing power.
- **No display output:** Ensure the graphics card is properly seated and connected to power. Check monitor connections.
- **Overheating:** Verify all fans are spinning correctly and are not obstructed. Ensure proper airflow and clean any dust buildup.

For specific component-related issues, refer to the respective component's instruction manual (e.g., motherboard, graphics card).

9. SPECIFICATIONS

Brand Name	AMANSON
Model Name	H05
Item Model Number	G300

Case Type	Mid Tower
Supported Motherboard	ATX, Micro-ATX, Mini-ITX
Color	Black
Material	Tempered Glass
Cooling Method	Air (6x PWM ARGB fans pre-installed)
Power Supply Mounting Type	Bottom Mount
Total USB 3.0 Ports	1
Total USB 2.0 Ports	1
Product Dimensions (L x W x H)	51 x 38 x 50 cm
Product Weight	5.9 kg



Image 9.1: Dimensions of the AMANSON H05 PC Case.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for warranty claims.

