

ASUS PA602

ASUS ProArt PA602 E-ATX PC Case Instruction Manual

Your guide to optimal performance and setup.

1. PRODUCT OVERVIEW

The ASUS ProArt PA602 E-ATX Computer Case is engineered for creators and enthusiasts, offering superior airflow, thermal management, and extensive compatibility for high-performance components. Designed with user-friendly features, it simplifies the building and maintenance process.



Figure 1.1: Front-side view of the ASUS ProArt PA602 E-ATX PC Case with internal components visible.

Official Product Videos

Video 1.1: An official product overview of the ASUS ProArt PA602 E-ATX PC Case, highlighting its design and key features.

Video 1.2: A detailed look at the ASUS ProArt PA602 E-ATX PC Case, showcasing its build quality and internal layout.

2. KEY FEATURES

- **Superior Airflow:** Features a 15.5 mm front panel grill with 45% porosity, two extra-thick 200 x 38 mm front fans for maximum air intake, and a 140 mm rear exhaust fan. This design ensures optimal air circulation throughout the chassis.



Figure 2.1: Illustration of the 15.5mm open front grill, extra-thick PWM fans, and air defectors optimizing whole-system cooling.

- **Superior Thermals:** Two strategic air defectors guide incoming air towards the motherboard and other internal components, optimizing temperatures. An integrated fan hub is included for centralized fan management.

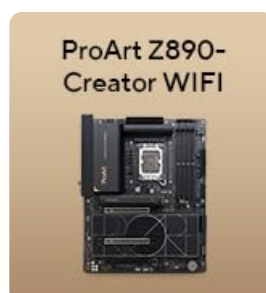


Figure 2.2: Close-up of the integrated PWM fan hub, supporting up to six fans for efficient cooling optimization.

- **Ample Space:** Supports a 420 mm radiator for AIO cooling or custom liquid-cooling loops. Provides

generous room for robust graphics cards, allowing for both horizontal and vertical mounting options.

Space for Powerful Components

Supports a 420mm AIO radiator
and accommodates large graphics cards

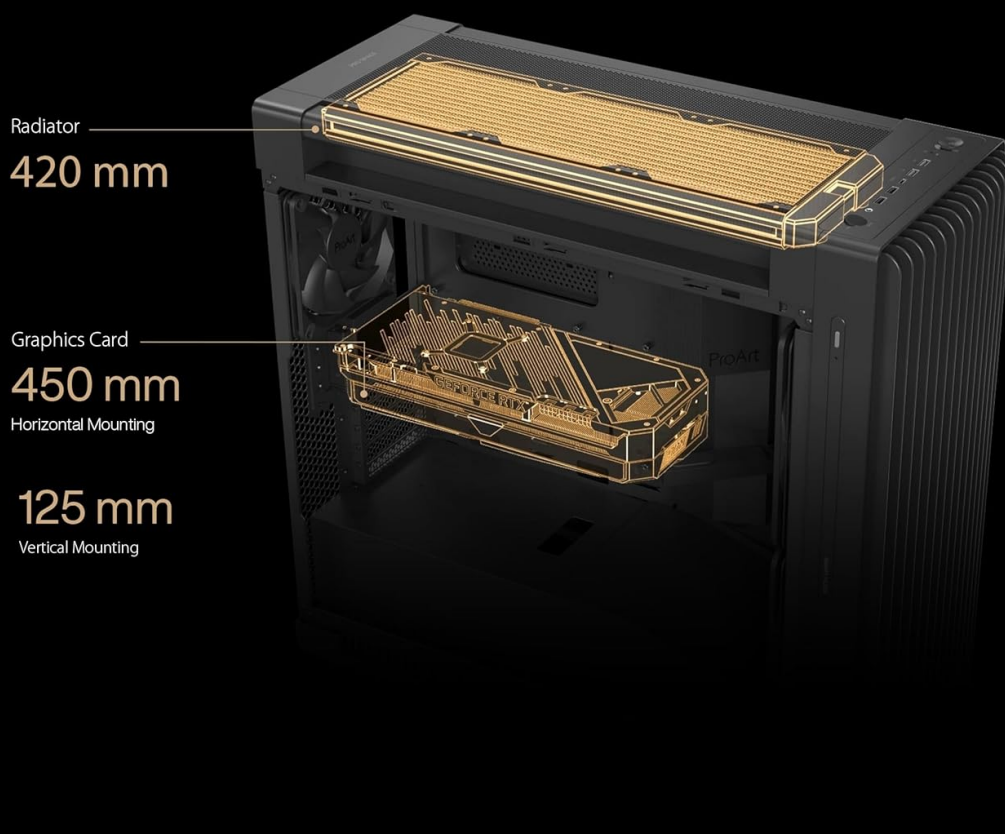


Figure 2.3: Diagram illustrating support for a 420mm AIO radiator and graphics cards up to 450mm horizontally or 125mm vertically.

- **Extensive I/O:** The front panel features a Power Lock Latch, 2-section PWM control, and a 20Gbps USB Type-C port, alongside multiple USB 2.0 and USB 3.0 ports for versatile connectivity.

PWM Fan Hub

Supports up to six fans controlled
by motherboard for efficient cooling optimization



Figure 2.4: Detailed view of the front panel I/O, including fan speed control, USB ports, and power controls.

- **Front Panel IR Dust Indicator:** Provides timely reminders to clean the front filter, ensuring sustained top-tier airflow and system longevity.

Fan Compatibility

Compatible with a variety of chassis fans for flexible PC cooling customization



Figure 2.5: Close-up of the IR dust indicator, signaling when the front filter requires cleaning.

- **Creator-Friendly Design:** Features tool-less graphics card mounting, an integrated graphics card holder, and built-in wheels for easy transport. These elements contribute to a sleek ProArt aesthetic and user convenience.



Figure 2.6: Integrated GPU holder for secure graphics card installation.

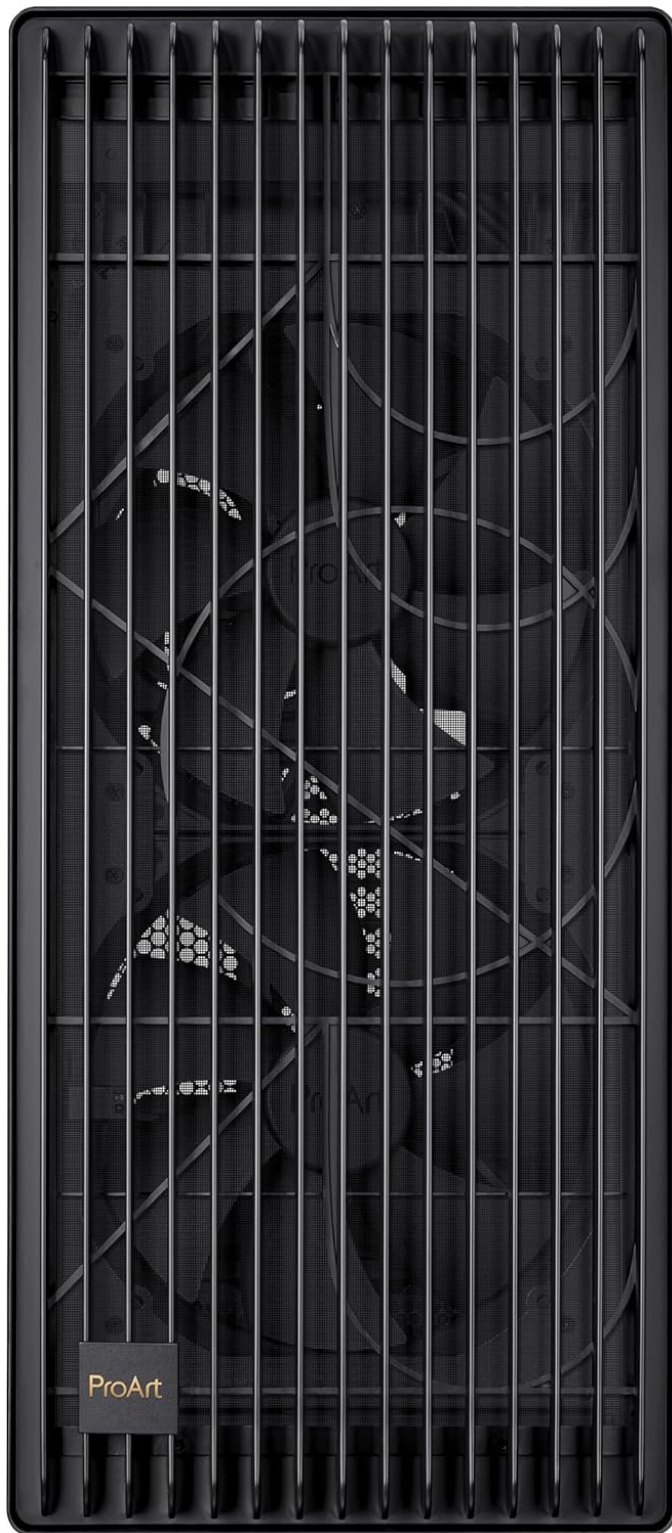


Figure 2.7: Built-in wheels for convenient movement of the PC case.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	ASUS

Model Name	PA602 ProArt Case
Item Model Number	PA602/BLK/TG
Case Type	Full Tower
Motherboard Compatibility	Extended ATX
Material	Alloy Steel, Plastic, Tempered Glass
Cooling Method	Air
Front Fans	2 x 200mm x 38mm (Pre-installed)
Rear Fan	1 x 140mm (Pre-installed)
Radiator Support	Up to 420mm
Max GPU Length	450mm (Horizontal Mounting)
Front I/O Ports	1 x USB Type-C (20Gbps), 2 x USB 3.0, 1 x USB 2.0, Audio Jack, Power Lock Latch, Fan Control
Item Weight	35.5 pounds
Product Dimensions (LxWxH)	23.3 x 22 x 9.6 inches

4. SETUP AND INSTALLATION GUIDE

This section provides general guidelines for setting up your ASUS ProArt PA602 PC case. For detailed component-specific instructions, please refer to your motherboard, GPU, and PSU manuals.

4.1 Preparing the Case

- Unpack the Case:** Carefully remove the case from its packaging. Inspect for any shipping damage.
- Access Interior:** The side panels can be easily removed for access to the interior. Refer to the 'Creator-Friendly Design' section for tool-less access.
- Remove Dust Filters:** For easier installation and initial cleaning, remove the front and top dust filters. The front filter is accessible by opening the front panel.

4.2 Component Installation

- Motherboard Installation:** Install your E-ATX or smaller motherboard onto the pre-installed standoffs. Secure with screws.
- Power Supply Unit (PSU) Installation:** Mount your PSU in the designated bottom compartment. Ensure proper orientation for airflow.

3. **Graphics Card (GPU) Installation:** The case supports tool-less GPU mounting. Install your graphics card either horizontally into the PCIe slot or vertically using an optional riser cable (not included) and the integrated GPU holder. Adjust the GPU holder for optimal support.



Figure 4.1: Illustration of the tool-less GPU mounting mechanism.

4. **Storage Drive Installation:** Install 2.5-inch SSDs or 3.5-inch HDDs into the available drive bays. The case offers flexible mounting options for storage.
5. **Radiator/AIO Installation:** If using liquid cooling, install your 420mm or smaller radiator/AIO in the top or front mounting locations.

4.3 Cable Management

Utilize the ample space behind the motherboard tray and the included cable routing channels and Velcro straps to manage cables effectively. Connect all power cables from the PSU to your components and the front panel I/O cables to your motherboard.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Power Button:** Press the large power button on the front I/O panel to turn the system on or off.
- **Power Lock Latch:** Engage the Power Lock Latch on the front I/O panel to prevent accidental power-offs during critical tasks.

5.2 Front I/O Usage

- **USB Ports:** Connect USB devices to the available USB Type-C (20Gbps), USB 3.0, or USB 2.0 ports.
- **Audio Jack:** Connect headphones or a microphone to the combined audio jack.
- **Fan Control:** Use the fan control button to switch between MAX (maximum fan speed) and AUTO (motherboard-controlled PWM fan speed) modes.

5.3 IR Dust Indicator

The Front Panel IR Dust Indicator will illuminate or change color to alert you when the front dust filter requires cleaning. This helps maintain optimal airflow and system performance.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your PC case.

6.1 Dust Filter Cleaning

1. **Front Filter:** Gently open the front panel and slide out the front dust filter. Clean it with compressed air or rinse with water. Ensure it is completely dry before reinstallation.
2. **Top Filter:** The top filter can be accessed by removing the top panel. Clean as described for the front filter.
3. **Bottom Filter:** Slide out the bottom dust filter from the front or rear of the case. Clean as described above.

6.2 General Cleaning

Use a soft, dry cloth to wipe down the exterior of the case. For stubborn smudges on tempered glass panels, use a glass cleaner applied to the cloth (not directly to the glass).

7. TROUBLESHOOTING

7.1 Common Issues

- **System Not Powering On:** Ensure all power cables (24-pin ATX, 8-pin CPU, GPU PCIe power) are securely connected. Verify the PSU switch is in the 'ON' position. Check front panel power button connection to the motherboard.
- **High Temperatures:** Ensure all case fans are spinning correctly and connected to the fan hub or motherboard. Check that dust filters are clean. Verify CPU cooler and GPU fans are functioning.
- **IR Dust Indicator Always On/Off:** If the indicator behaves unexpectedly after cleaning, ensure the sensor area is clear of obstructions. If the issue persists, contact support.
- **USB Ports Not Functioning:** Verify front panel USB headers are correctly connected to the motherboard. Check motherboard BIOS settings for USB port enablement.




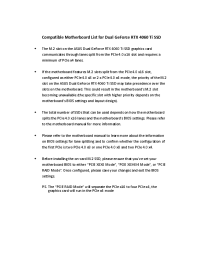


For further assistance, please refer to the ASUS support website or contact their customer service.

8. WARRANTY AND SUPPORT

Your ASUS ProArt PA602 E-ATX PC Case is covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and duration, please visit the official ASUS support website.

Online Support: For the latest drivers, FAQs, and troubleshooting guides, please visit the [ASUS Support Website](#).

Customer Service: If you require direct assistance, please contact ASUS customer service through the channels provided on their support website.

	<p>ASUS Prime AP201 Micro-ATX Case User Manual</p> <p>This manual provides detailed instructions for installing and maintaining the ASUS Prime AP201 Micro-ATX computer case. It covers accessory kit contents, installation steps for components like the PSU, motherboard, drives, and I/O connectors, as well as information on cooler height, graphics card length, fan compatibility, and water-cooling options.</p>
	<p>ASUS TUF Gaming GT301 Case User Manual</p> <p>User manual for the ASUS TUF Gaming GT301 ATX computer case, detailing installation guides, accessory contents, and additional information.</p>
	<p>ASUS Dual 4K USB-C Dock DC201 User Manual</p> <p>User manual for the ASUS Dual 4K USB-C Dock (Model DC201). Learn about its specifications, features, connectivity options, power delivery, and usage for expanding your device's capabilities.</p>
	<p>ASUS Dual GeForce RTX 4060 Ti SSD Motherboard Compatibility List</p> <p>This document provides a comprehensive list of compatible ASUS motherboards for the Dual GeForce RTX 4060 Ti SSD, detailing PCIe lane configuration requirements and BIOS settings for optimal performance.</p>
	<p>ASUS ProArt B760-CREATOR D4 Motherboard User Manual and Specifications</p> <p>Detailed user manual and specifications for the ASUS ProArt B760-CREATOR D4 motherboard, covering package contents, system specifications, layout, connectors, installation guides for CPU, DIMM, and M.2, and rear panel I/O.</p>
	<p>ASUS TUF Gaming B450-PLUS Motherboard User Manual</p> <p>This manual provides detailed information on the ASUS TUF Gaming B450-PLUS motherboard, including specifications, installation guides, BIOS setup, and safety precautions.</p>

