ZOTAC MEK5060A7600BG2

ZOTAC MEK AI-Enhanced Gaming PC User Manual

Model: MEK5060A7600BG2

1. Setup and Initial Use

This section provides instructions for setting up your ZOTAC MEK AI-Enhanced Gaming PC for the first time.

1.1 Unboxing

Carefully remove the PC and all accessories from the packaging. Ensure all components listed in the 'What's in the Box' section are present.

1.2 Connecting Peripherals

- **Power Cable:** Connect the included power cable to the power supply unit (PSU) at the rear of the PC and then to a wall outlet.
- **Display:** Connect your monitor(s) to the graphics card's display outputs (HDMI or DisplayPort) located at the rear of the PC. The ZOTAC MEK supports multiple displays.
- **Keyboard and Mouse:** Connect your USB keyboard and mouse to any available USB ports.
- **Network:** For wired internet, connect an Ethernet cable to the LAN port. For wireless internet, attach the dual WiFi SMA connector to the designated ports at the rear.
- **Audio:** Connect speakers or headphones to the audio output jacks.





Image: Rear panel of the ZOTAC MEK Gaming PC, illustrating the available connectivity ports including USB, HDMI, DisplayPort, Ethernet, and audio jacks.

1.3 Initial Power-Up

After connecting all necessary peripherals, press the power button located on the front of the PC. The system will boot into Windows 11 Home. Follow the on-screen instructions to complete the initial Windows setup.

2. Operating Your ZOTAC MEK PC

Your ZOTAC MEK PC is pre-configured with Windows 11 Home, optimized for gaming and content creation.

2.1 System Overview

The PC features an AMD Ryzen 5 7600 processor and an NVIDIA GeForce RTX 5060 graphics card, providing robust performance for demanding applications and games. The 16GB DDR5 RAM and 1TB NVMe M.2 SSD ensure fast loading times and responsive multitasking.



Image: Front view of the ZOTAC MEK Gaming PC, showcasing its internal components and RGB lighting.

2.2 Gaming and Graphics Features

The NVIDIA GeForce RTX 5060 graphics card utilizes AI-enhanced technologies such as DLSS (Deep Learning Super Sampling) and real-time ray tracing. These features improve visual fidelity and frame rates in supported games.



Image: Visual examples demonstrating the impact of NVIDIA's Ray Tracing and DLSS 4 technologies on game graphics.

2.3 Audio and Connectivity

The system supports 7.1 HD Audio for immersive sound experiences. Integrated WiFi 5 and Bluetooth 5.2 provide wireless connectivity options, alongside high-speed Ethernet for stable wired connections.

3. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your ZOTAC MEK PC.

3.1 Cleaning

The PC features easy-to-clean screwless filters. Periodically remove and clean these filters to prevent dust buildup, which can impede airflow and cooling performance. Use compressed air to gently clear dust from internal components, ensuring the PC is powered off and unplugged before cleaning.



Image: Side view of the ZOTAC MEK Gaming PC, showing the tempered glass panel and internal layout, which allows access for cleaning.

3.2 Airflow Management

The internal design includes professional cable management and 120mm RGB LED fans to optimize airflow. Ensure the PC is placed in a location with adequate ventilation, avoiding enclosed spaces that could restrict air circulation.



Image: Diagram illustrating the optimized airflow path within the ZOTAC MEK Gaming PC chassis, designed for efficient cooling.

4. Troubleshooting

This section provides basic troubleshooting steps for common issues. If problems persist, refer to the Support section for further assistance.

4.1 No Power

- Ensure the power cable is securely connected to both the PC and the wall outlet.
- Verify the power switch on the PSU at the rear of the PC is in the 'ON' position.
- Test the wall outlet with another device to confirm it is receiving power.

4.2 No Display Output

- Confirm that your monitor is powered on and correctly connected to the graphics card's display ports (HDMI or DisplayPort).
- Ensure the correct input source is selected on your monitor.

- Try connecting to a different display port or using a different cable if available.

4.3 Network Connectivity Issues

- For wired connections, check if the Ethernet cable is properly connected and if the router/modem is functioning.
- For wireless connections, ensure the WiFi SMA connectors are attached and that you are connected to the correct network with the correct password.
- Restart your router/modem and the PC.

4.4 System Instability or Performance Issues

- Ensure all drivers, especially graphics drivers, are up to date. Visit the ZOTAC or NVIDIA website for the latest drivers.
- Check for excessive dust buildup and clean the system as described in the Maintenance section.
- Monitor system temperatures using appropriate software to ensure components are not overheating.

5. Specifications

Detailed technical specifications for the ZOTAC MEK AI-Enhanced Gaming PC.

Component	Specification
Model Number	MEK5060A7600BG2
Processor	AMD Ryzen 5 7600 (6 Cores, 12 Threads, up to 5.1GHz, 32MB L3 Cache)
Graphics Card	NVIDIA GeForce RTX 5060 8GB GDDR7
RAM	16GB RGB DDR5 5200 MT/s
Storage	1TB NVMe M.2 SSD
Power Supply	650W 80+ Gold PSU
Operating System	Windows 11 Home
Display Outputs	HDMI, DisplayPort
Wireless Connectivity	WiFi 5, Bluetooth 5.2
Wired Connectivity	High-speed Ethernet
Audio	7.1 HD Audio
USB Ports	Multiple (including 4x USB 2.0)
Dimensions (LxWxH)	16.18 x 8.66 x 17.36 inches
Weight	22 pounds
Color	White

5.1 What's in the Box

- ZOTAC MEK AI-Enhanced Gaming PC

- Power Cable
- Dual WiFi SMA connector



Image: An infographic summarizing the key specifications and features of the ZOTAC MEK Gaming PC, including graphics card, processor, memory, storage, and connectivity.

6. Warranty Information

Your ZOTAC MEK AI-Enhanced Gaming PC comes with the following warranty coverage:

- **Complete System Warranty:** 1 Year
- **GPU Warranty:** 3 Years (no registration required)

For detailed terms and conditions, please refer to the official ZOTAC warranty policy or contact ZOTAC support.

7. Support and Resources

For further assistance, technical support, or to access online resources, please utilize the following options:

- **ZOTAC Official Website:** Visit the ZOTAC Store for product information, driver downloads, and support articles.
- **Online Chat:** Access 24/7 online chat support for immediate assistance.
- **RMA Program:** Information regarding the Return Merchandise Authorization program is available through ZOTAC support channels.
- **Online Communities:** Engage with other users and find solutions in ZOTAC's online communities.



Image: An infographic outlining ZOTAC's dedicated customer support, including 1-year coverage, quality testing, 24/7 online chat, and RMA program.

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