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› NINGMEI R7 5700G Desktop PC User Manual

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Model: R7 5700G

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your NINGMEI R7 5700G Gaming and Productivity Desktop PC. Please read these instructions carefully before using your new computer.

PACKAGE CONTENTS

Verify that all items are present in the package:

- NINGMEI R7 5700G Desktop PC
- Power Cable
- Mouse Pad
- Documentation (this manual)
- RGB Fan Remote Control (as per user reports)

SETUP GUIDE

1. Initial Setup

1. **Unpacking:** Carefully remove the PC from its packaging. Retain all packaging materials for future transport or service.
2. **Placement:** Place the desktop PC on a stable, flat surface with adequate ventilation. Ensure there is sufficient space around the chassis for airflow.



Figure 1: NINGMEI R7 5700G Desktop PC with blue RGB lighting, showcasing its transparent side panel and internal components.



Figure 2: Side and front view of the NINGMEI R7 5700G Desktop PC, illustrating its dimensions (18 inches high, 9 inches wide from side, 17 inches wide from front).

2. Connecting Peripherals

1. **Monitor:** Connect your monitor to the PC using an HDMI or DVI cable. The PC supports dual-monitor setups.
2. **Keyboard and Mouse:** Connect your USB keyboard and mouse to the available USB ports.
3. **Audio:** Connect speakers or headphones to the audio output jacks.
4. **Network:** Connect an Ethernet cable for wired internet, or utilize the built-in Wi-Fi for wireless connectivity.
5. **Power:** Connect the power cable to the PC's power input and then to a power outlet.



Figure 3: Close-up of the top panel of the NINGMEI R7 5700G Desktop PC, highlighting the LED button, USB 3.0 port, USB ports, Microphone jack, Headset jack, Reboot button, and Power button.

3. Powering On

1. Press the Power button on the front panel of the PC.
2. Follow the on-screen instructions to complete the Windows 11 Home setup.

OPERATING INSTRUCTIONS

1. General Use

Your NINGMEI R7 5700G PC is designed for high performance across various tasks, including gaming, streaming, content creation, and general productivity. The AMD Ryzen 7 5700G processor and 16GB DDR4 RAM ensure smooth multitasking and application responsiveness.

2. RGB Lighting Control

The PC features multiple RGB fans and LED accents. Use the included remote control to adjust fan speeds and customize the lighting effects to your preference. The LED button on the top panel may also cycle through preset lighting modes.

EXCELLENT AIR DUCT DESIGN

The Ningmei Steel Shadow Black Series case has undergone dozens of thermal and stress tests. It boasts excellent thermal performance beneath its high - aesthetic appearance.



Figure 4: Illustration of the "Excellent Air Duct Design" of the NINGMEI R7 5700G Desktop PC, showing internal fans and optimized airflow for cooling.

3. System Performance

The integrated AMD Radeon Vega Graphics allows for gaming at 720p or 1080p resolutions with adjusted settings. For more demanding games or higher resolutions, consider adding a dedicated graphics card (sold separately) to the available PCIe slot. The 1TB NVMe SSD provides rapid boot times and fast loading of applications and files.

MAINTENANCE

1. Cleaning

- **Exterior:** Use a soft, damp cloth to clean the exterior of the chassis. Avoid abrasive cleaners.

- **Dust Filters:** The PC features a removable magnetic dust net on the top panel. Regularly remove and clean this filter to prevent dust buildup and maintain optimal airflow.
- **Internal Components:** Periodically use compressed air to clear dust from internal components, such as fans and heatsinks, to ensure efficient cooling. Ensure the PC is powered off and unplugged before performing internal cleaning.



Figure 5: Close-up of the top of the NINGMEI R7 5700G Desktop PC, illustrating the magnetic dust filter designed to prevent dust entry and aid heat dissipation.

2. Software Updates

Regularly update your Windows 11 operating system and device drivers to ensure optimal performance, security, and compatibility. You can check for updates through Windows Settings.

TROUBLESHOOTING

If you encounter issues with your PC, refer to the following common troubleshooting steps:

- **No Display:** Ensure your monitor is correctly connected to the PC and powered on. Verify that the correct input source is selected on your monitor.
- **System Not Booting:** Check all power connections. If the PC powers on but does not display anything, try reseating the RAM modules (if comfortable doing so, otherwise contact support).
- **Overheating:** Ensure the PC has adequate ventilation and that dust filters are clean. If overheating persists, check fan operation.
- **Peripheral Issues:** Try connecting peripherals to different USB ports. Ensure drivers for specialized peripherals are installed.

SPECIFICATIONS

Component	Specification
Processor	AMD Ryzen 7 5700G (8 Cores, 16 Threads, 3.8GHz base, up to 4.6GHz boost)
Graphics	Integrated AMD Radeon Vega Graphics
RAM	16GB DDR4 (3200 MHz)
Storage	1TB NVMe SSD
Operating System	Windows 11 Home
Connectivity	Wi-Fi, Bluetooth, USB 2.0 (x3), USB 3.0 (x3), HDMI, DVI
Dimensions (LxWxH)	15.74 x 8.26 x 16.65 inches
Weight	22.3 pounds

WARRANTY AND SUPPORT

As per manufacturer information and user reports, this product typically includes a 1-year warranty and lifetime technical support. For warranty claims or technical assistance, please refer to the contact information provided with your purchase or visit the official NINGMEI support website.

