

KINGDEL M6

KINGDEL M6 Mini PC User Manual

Model: M6 - Celeron N5105/N6000 Processor

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your KINGDEL M6 Mini PC. Please read this guide thoroughly before using the device to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- KINGDEL M6 Mini PC
- Power Adapter
- Power Cord

3. PRODUCT OVERVIEW

The KINGDEL M6 Mini PC is a compact computing device designed for various applications. Below are diagrams and descriptions of its key features and ports.



Figure 3.1: Front and side view of the KINGDEL M6 Mini PC, showcasing its compact design and accessible ports.



Figure 3.2: Detailed diagram illustrating the various input/output ports on the KINGDEL M6 Mini PC.

Port Descriptions:

- **Power Button:** Used to turn the device on or off.
- **DC IN:** Connect the power adapter here.
- **USB 3.1 (x3):** High-speed ports for connecting peripherals like keyboards, mice, and external storage.
- **HD (HDMI):** Video output port supporting 4K resolution at 60Hz.
- **Type-C:** Multi-functional port for video output and data transfer.
- **2.5G LAN:** Ethernet port for wired network connectivity.
- **MIC/SPK (Audio Jack):** Combined port for microphone input or speaker/headphone output.

4. SETUP GUIDE

4.1 Initial Connection

1. **Connect Display:** Connect your monitor or display to the Mini PC using an HDMI cable (HD port) or a compatible Type-C cable.

2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB 3.1 ports.
3. **Connect Power:** Insert the power adapter into the DC IN port on the Mini PC, then plug the power cord into an electrical outlet.

4.2 Powering On

Press the Power Button located on the device. The system will boot up. Follow the on-screen instructions for initial operating system setup if applicable.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

Once powered on, the Mini PC functions like a standard desktop computer. You can navigate the operating system, install software, and connect to networks.

5.2 Dual Display Setup

The KINGDEL M6 supports dual display output via its HD (HDMI) and Type-C ports, allowing for extended desktop or mirrored display configurations.



Figure 5.1: The Mini PC configured for a multi-monitor setup, demonstrating its display capabilities.

5.3 Storage Expansion

The Mini PC features two M.2 slots for storage expansion. One slot supports NVMe 2280 SSDs, and the other supports SATA 2242 SSDs. Ensure compatibility when adding or upgrading storage devices.

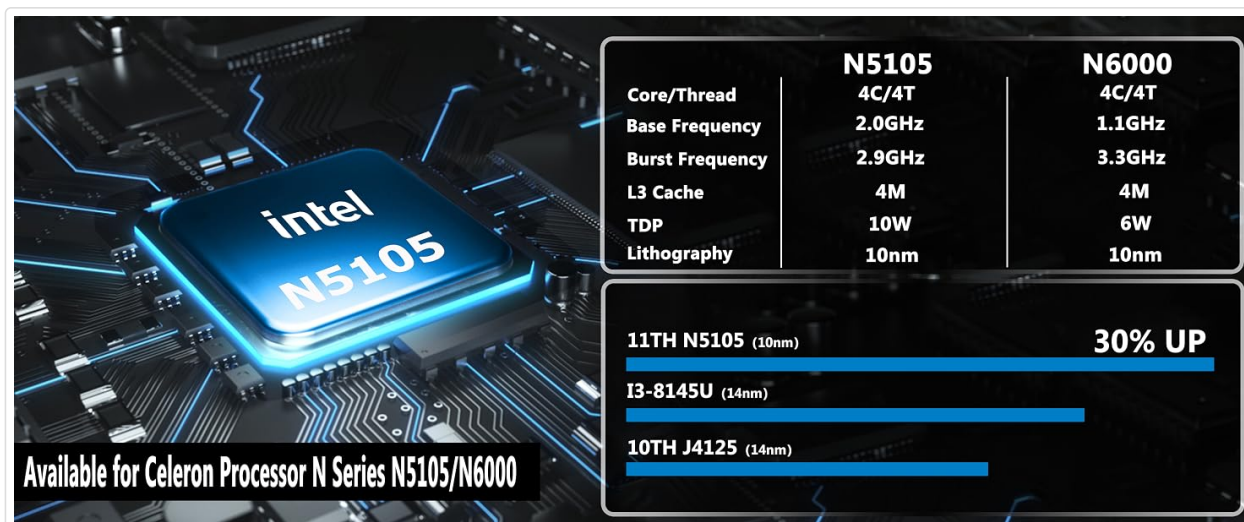


Figure 5.2: Internal view of the Mini PC highlighting the M.2 NVMe 2280 and M.2 SATA 2242 slots for storage upgrades.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the exterior of the Mini PC with a soft, dry cloth. Avoid using liquid cleaners directly on the device. Ensure ventilation openings are free from dust to maintain proper airflow.

6.2 Cooling System

The KINGDEL M6 Mini PC incorporates a copper fan for efficient heat dissipation. Ensure the device is placed in a well-ventilated area and that the side vents are not obstructed to prevent overheating.



Figure 6.1: Illustration of the internal copper fan designed for effective cooling.

7. TROUBLESHOOTING

If you encounter issues with your KINGDEL M6 Mini PC, refer to the following common problems and solutions:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working electrical outlet. Try a different outlet if necessary.
- **No Display:** Verify that the monitor is correctly connected and powered on. Check the display input source settings on your monitor. Try a different cable or port.
- **USB Ports Not Responding:** Disconnect and reconnect USB devices. Restart the Mini PC. If the issue persists across multiple USB devices, it may indicate a hardware issue.

- **SSD Not Detected:** If installing a new M.2 SSD, ensure it is correctly seated in the appropriate slot (NVMe 2280 or SATA 2242) and that the drive is initialized and formatted within the operating system.
- **System Instability/Slow Performance:** Ensure the Mini PC is well-ventilated. Check for excessive background processes or malware. Consider reinstalling the operating system if performance issues persist and are not hardware-related.

For issues not covered here, please contact customer support.

8. SPECIFICATIONS

Feature	Description
Processor	Intel Celeron N5105/N6000 (4 Cores, 4 Threads, up to 2.90 GHz)
Graphics	Intel UHD Graphics, 4K@60Hz (Max Resolution: 4096x2160@60Hz)
RAM	16GB DDR4 3200 MHz (SODIMM)
Storage	256GB NVMe SSD (Supports 1x M.2 NVMe 2280, 1x M.2 SATA 2242)
Ports	3x USB 3.1, 1x HD (HDMI), 1x Type-C, 1x 2.5G LAN, 1x MIC/SPK, 1x DC IN, 1x Power Button
Wireless	802.11a/b/g/n (Dual Band 2.4G+5G)
Dimensions (LxWxH)	6.1 x 3.15 x 0.77 inches (15.5 x 8 x 1.95 cm)
Weight	10.6 ounces
Operating System	Not specified (typically Windows or Linux compatible)

9. WARRANTY AND SUPPORT

Your KINGDEL M6 Mini PC comes with a **Two-year Parts & Labor Warranty**. Additionally, **Free Lifetime Technical Support** is provided.

Contacting Support:

For any assistance or technical inquiries, you can reach out to customer service:

- Log in to your Amazon account.
- Navigate to 'Your Orders'.
- Select the KINGDEL M6 Mini PC order.
- Click 'Ask Product Question' to chat online with support.

Assistance is available with a 24-hour online reply.

