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› KINGDEL NC860 Mini Desktop Computer User Manual

KINGDEL NC860

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INTRODUCTION

This manual provides comprehensive instructions for the KINGDEL NC860 Mini Desktop Computer. It covers initial setup, operational guidelines, maintenance procedures, and troubleshooting tips to ensure optimal performance and longevity of your device. The KINGDEL NC860 is a fanless mini PC designed for silent operation, featuring a 10th Generation Intel Core i7 processor, 16GB DDR4 RAM, and a 256GB NVMe SSD, supporting 4K resolution output.

PACKAGE CONTENTS

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

- 1x KINGDEL NC860 Mini Desktop Computer
- 1x Power Adapter
- 1x Power Cable
- 1x HD Cable
- 2x Wi-Fi Antennas
- 1x Desktop Bracket Mount
- Screws for mounting

PRODUCT OVERVIEW

Familiarize yourself with the physical components and ports of your KINGDEL NC860 Mini PC.

Front Panel

The front panel features the power button and four USB 3.0 ports for convenient access.



Image: Front view of the KINGDEL NC860 Mini PC, highlighting the power button and four USB 3.0 ports.

Rear Panel

The rear panel provides various connectivity options, including audio jacks, additional USB ports, network, and video outputs.



Image: Rear view of the KINGDEL NC860 Mini PC, displaying Wi-Fi antenna connectors, microphone and speaker jacks, two USB 3.0 ports, two USB 2.0 ports, a Gigabit LAN port, DisplayPort (DP), HD Port, and DC IN power input.

Vertical Stand Installation

The included desktop bracket allows for vertical placement of the mini PC, optimizing desk space.





Image: The KINGDEL NC860 Mini PC shown in a vertical orientation, secured by its desktop bracket mount.

Internal Components

The internal layout reveals the motherboard, RAM slots, and storage drive bay. This view is for informational purposes and generally not required for standard operation.



Image: An internal view of the KINGDEL NC860 Mini PC, displaying the motherboard, RAM modules, and M.2 SSD slot.

Power Adapter

The power adapter provides the necessary electrical supply to the mini PC.



Image: The power adapter and associated cables included with the KINGDEL NC860 Mini PC.

SETUP INSTRUCTIONS

Follow these steps to set up your KINGDEL NC860 Mini PC:

1. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB ports on the mini PC.
2. **Connect Display:** Use the provided HD cable or a DisplayPort cable to connect your monitor to the corresponding port on the rear panel.
3. **Attach Wi-Fi Antennas:** Screw the two Wi-Fi antennas onto the connectors on the rear panel for wireless connectivity.
4. **Connect Power:** Connect the power adapter to the DC IN port on the rear panel, then plug the power cable into an electrical outlet.
5. **Power On:** Press the power button on the front panel to turn on the mini PC.

For a visual guide on setup and initial boot, refer to the video below:

Your browser does not support the video tag.

Video: This video demonstrates the physical setup of the KINGDEL NC860 Mini PC, including connecting cables and peripherals, and the initial boot process into Windows 11. It also shows dual monitor setup and various applications running.

OPERATING INSTRUCTIONS

The KINGDEL NC860 Mini PC comes pre-installed with an operating system (OS). Upon first boot, follow the on-screen instructions to complete the initial setup of the OS.

Dual Display Setup

The mini PC supports dual 4K displays via its HD Port and DisplayPort (DP). To set up dual monitors:

1. Connect your primary monitor to the HD Port.
2. Connect your secondary monitor to the DisplayPort.
3. Once both monitors are connected and powered on, the operating system should automatically detect them. You can configure display settings (extend, duplicate, etc.) through the OS display settings.



Image: Illustration of the KINGDEL NC860 Mini PC connected to two monitors, demonstrating its dual 4K display capability via DisplayPort and HD Port.

SPECIFICATIONS

Detailed technical specifications for the KINGDEL NC860 Mini Desktop Computer:

Processor	10th Generation Intel Core i7-10510U / i7-10710U, 4 Cores, 8MB Cache, Base 1.8GHz, Max Turbo 4.9GHz
RAM	16GB DDR4 3200MHz SODIMM
Storage	256GB NVMe 2280 SSD (PCIe x 8 interface)
Graphics	Integrated Intel UHD Graphics, 128MB RAM Size
Video Output	HD Port (4096x2304@24Hz), DisplayPort (4096x2304@60Hz)
USB Ports	4x USB 3.0, 4x USB 2.0
Network	Gigabit LAN Port, 802.11bgn Wireless Type (Wi-Fi), Bluetooth

Audio	Microphone and Speaker Jacks
Operating System	OS (Pre-installed)
Dimensions (LxWxH)	8.86 x 7.01 x 1.97 inches
Weight	3.3 pounds
Color	Black
Power Input	19 Volts

MAINTENANCE

The KINGDEL NC860 is a fanless mini PC, which means it operates silently and has fewer moving parts, reducing the risk of dust accumulation inside. However, proper care is still recommended:

- **Cleaning:** Periodically wipe the exterior of the mini PC with a soft, dry cloth to remove dust. Avoid using liquid cleaners directly on the device.
- **Ventilation:** Ensure the mini PC is placed in a location with adequate airflow. Do not block the heat sink fins on the chassis, as these are crucial for passive cooling.
- **Temperature:** Operate the device within recommended environmental temperature ranges to prevent overheating, even with its fanless design.

TROUBLESHOOTING

If you encounter issues with your KINGDEL NC860 Mini PC, consider the following common troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to both the mini PC and a working electrical outlet.
 - Verify the power cable is not damaged.
- **No Display:**
 - Check that the monitor is powered on and the video cable (HD or DP) is securely connected to both the mini PC and the monitor.
 - Try a different video cable or monitor if available.
 - Ensure the correct input source is selected on your monitor.
- **No Internet Connection (Wi-Fi):**
 - Confirm that the Wi-Fi antennas are properly attached to the rear panel.
 - Check your router and internet connection.
 - Verify Wi-Fi is enabled in the operating system settings.
 - Consider updating or reinstalling the Wi-Fi drivers if issues persist.
- **Slow Performance:**
 - Close unnecessary applications running in the background.
 - Ensure the operating system and drivers are up to date.
 - Check for sufficient free storage space on the SSD.

WARRANTY AND SUPPORT

The KINGDEL NC860 Mini Desktop Computer typically comes with a **Two-Year Warranty**. For any technical assistance, warranty claims, or product-related inquiries, please contact KINGDEL customer support.

You can usually reach support by logging into your Amazon account, navigating to "Your Orders," and then selecting "Ask Product Question" for the KINGDEL NC860. KINGDEL aims to provide 24-hour online reply for support requests.



Image: Information on how to contact KINGDEL customer support via Amazon, highlighting the two-year warranty and lifetime technical support.