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› KINGDEL NC860 Mini Desktop Computer User Manual

KINGDEL NC860

KINGDEL NC860 Mini Desktop Computer User Manual

Model: NC860

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your KINGDEL NC860 Mini Desktop Computer. Please read these instructions carefully before using the device to ensure optimal performance and longevity.

The KINGDEL NC860 is a fanless mini PC designed for quiet operation and efficient performance, featuring a 10th Generation Intel Core i7 processor, DDR4 RAM, and an NVMe SSD. Its compact size and robust metal case make it suitable for various applications, from home office to industrial use.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

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



Image: The retail packaging for the KINGDEL NC860 Mini PC, showing the product name and a graphic of the device.



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

3. PRODUCT OVERVIEW

The KINGDEL NC860 Mini PC features a robust, fanless design for silent operation and efficient heat dissipation. Below are diagrams illustrating the various ports and components.



Image: An angled view of the KINGDEL NC860 Mini PC, showcasing both the front and rear panels with their respective ports.

3.1 Front Panel



Image: Close-up of the front panel of the KINGDEL NC860 Mini PC, showing four USB 2.0 ports and the power button.

- **Power Button:** To turn the device on or off.
- **USB 2.0 Ports (x4):** For connecting peripherals such as keyboards, mice, and external storage devices.

3.2 Rear Panel

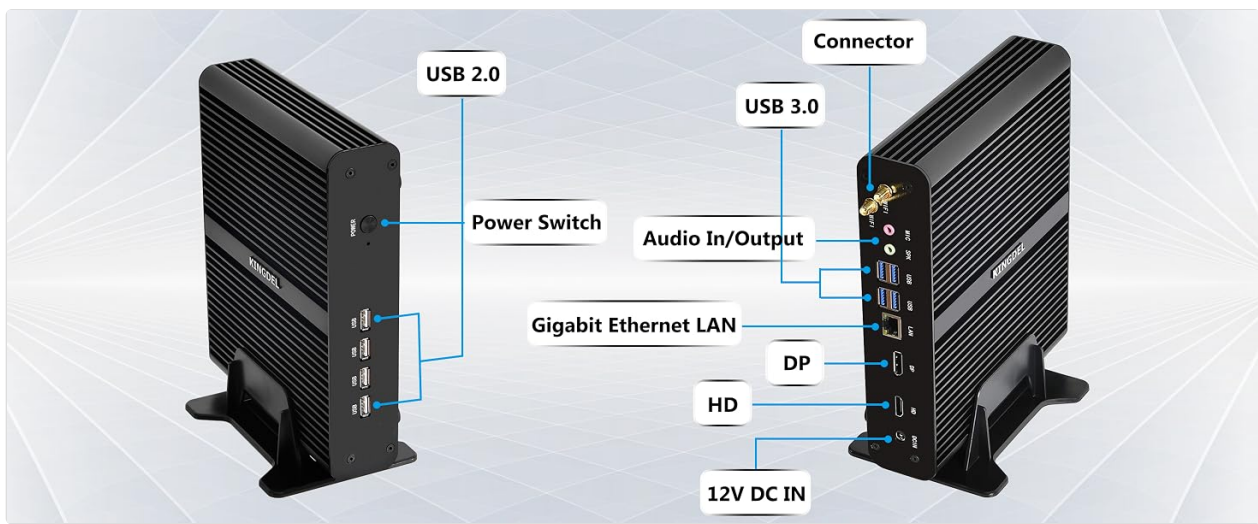


Image: A detailed diagram illustrating the rear ports of the KINGDEL NC860 Mini PC, including audio jacks, USB 3.0, LAN, DisplayPort, HD port, and DC IN.

- **Wi-Fi Antenna Connectors (x2):** For attaching the included Wi-Fi antennas.
- **MIC (Microphone Input):** 3.5mm audio jack for microphone connection.
- **SPK (Speaker Output):** 3.5mm audio jack for speaker or headphone connection.
- **USB 3.0 Ports (x4):** For high-speed data transfer with compatible devices.
- **LAN Port (Gigabit Ethernet):** RJ45 connector for wired network connection.
- **DP (DisplayPort):** Video output for connecting to a monitor, supporting up to 4K resolution at 60Hz.
- **HD (HD Port):** Video output for connecting to a monitor, supporting up to 4K resolution at 24Hz.
- **DC IN:** Power input for the included power adapter.





Image: The KINGDEL NC860 Mini PC positioned vertically in its included stand, showcasing the rear ports and Wi-Fi antennas.

3.3 Internal Components



Image: An internal view of the KINGDEL NC860 Mini PC, showing the motherboard, RAM slots, M.2 NVMe SSD slot, and internal cabling.

4. SETUP GUIDE

Follow these steps to set up your KINGDEL NC860 Mini Desktop Computer.

1. **Attach Wi-Fi Antennas:** Screw the two included Wi-Fi antennas onto the connectors on the rear panel.
2. **Connect Peripherals:** Connect your USB keyboard and mouse to any available USB ports on the front or rear panel.
3. **Connect Display:** Connect your monitor to either the HD port or the DP (DisplayPort) on the rear panel using the provided HD cable or a compatible DisplayPort cable.
4. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router or modem to the LAN port on the rear panel.
5. **Connect Power:** Plug the power adapter into the DC IN port on the rear panel, then plug the power cable into a wall outlet.
6. **Power On:** Press the power button on the front panel. The system will boot up.

Video: A demonstration of the KINGDEL NC860 Mini PC's features, including its compact design, port layout, quick boot-up with Windows 11, dual monitor setup, and performance in various applications like photo editing, video editing, and gaming.

5. OPERATING INSTRUCTIONS

5.1 Initial Boot and Operating System

Upon first power-on, the system will typically guide you through the initial setup of the pre-installed operating system (e.g., Windows 10/11). Follow the on-screen prompts to configure language, region, network, and user accounts.

5.2 Dual Display Setup

The KINGDEL NC860 supports dual 4K displays via its HD and DP ports. To set up dual monitors:

1. Connect your primary monitor to either the HD or DP port.
2. Connect your secondary monitor to the remaining video output port.
3. Once both monitors are connected and powered on, the operating system should automatically detect them.
4. Navigate to your display settings (e.g., right-click on desktop > Display settings in Windows) to configure display arrangement, resolution, and orientation.



Image: A visual representation of the KINGDEL NC860 Mini PC connected to two 4K monitors, demonstrating its dual display capability via DisplayPort (DP) and HD port.

5.3 General Usage

The KINGDEL NC860 is suitable for a variety of tasks, including:

- Office productivity and business applications.
- Graphic design and video editing.
- Gaming (casual to moderate titles).
- Home theater PC (HTPC) for media consumption.
- Educational purposes.
- Industrial control and CNC applications.



Image: A collage of images depicting various usage scenarios for the KINGDEL NC860 Mini PC, including office work, business presentations, graphic design, education, gaming, home theater, and industrial CNC control.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Mini PC.

- **Cleaning:** As a fanless system, the NC860 accumulates less dust internally. However, regularly wipe the exterior with a soft, dry cloth. Ensure vents (if any) are clear of obstructions.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions for security and performance improvements.
- **Environmental Conditions:** Operate the PC in a well-ventilated area, away from direct sunlight, excessive heat, or moisture.

7. TROUBLESHOOTING

If you encounter issues with your KINGDEL NC860, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power/System does not turn on	Power cable not connected; Faulty power adapter; Power button issue	Ensure power cable is securely connected to the PC and wall outlet. Test the outlet. If issue persists, contact support.
No display on monitor	Monitor cable loose; Incorrect input selected on monitor; Monitor faulty	Check HD/DP cable connections. Ensure monitor is on and set to the correct input source. Test with another monitor or cable if possible.
No internet connection	Wi-Fi antennas not attached; Ethernet cable loose; Driver issue; Router problem	Ensure Wi-Fi antennas are attached. Check Ethernet cable connection. Verify network drivers are installed and updated. Restart router/modem.
System slow or unresponsive	Too many applications running; Overheating; Malware; Low disk space	Close unnecessary applications. Ensure adequate ventilation around the PC. Run antivirus scans. Free up disk space.

If these steps do not resolve your issue, please refer to the Warranty and Support section for further assistance.

8. SPECIFICATIONS

Below are the technical specifications for the KINGDEL NC860 Mini Desktop Computer.

Feature	Detail
Processor	10th Generation Intel Core i7-10510U / i7-10710U (4 Cores, 8 Threads, 8MB Cache, 1.8GHz Base, up to 4.9GHz Turbo)
RAM	16GB DDR4 3200MHz
Storage	512GB M.2 NVMe 2280 SSD
Graphics	Integrated Intel UHD Graphics
Video Output	HD Port (4096x2304@24Hz), DisplayPort (4096x2304@60Hz)
USB Ports	4x USB 3.0, 4x USB 2.0
Network	Gigabit LAN, 802.11bgn Wireless (Wi-Fi), Bluetooth
Audio	Microphone Input, Speaker Output (3.5mm jacks)
Operating System	OS (typically Windows 10/11 Pro pre-installed)
Dimensions (LxWxH)	8.86 x 7.01 x 1.97 inches
Weight	3.3 pounds
Case Material	Full Metal

9. WARRANTY AND SUPPORT

The KINGDEL NC860 Mini Desktop Computer comes with a **Two-Year Warranty** and lifetime technical support.

For any assistance, technical inquiries, or warranty claims, please contact KINGDEL customer support through the following method:

- Log in to your Amazon account.
- Navigate to 'Your Orders'.
- Find your KINGDEL NC860 order.
- Click on 'Ask Product Question' or 'Contact Seller'.



Image: A graphic detailing how to contact customer support via Amazon's 'Your Account' and 'Your Orders' sections, emphasizing the two-year warranty and lifetime technical support.