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› KINGDEL NC960 Mini Desktop Computer User Manual

KINGDEL NC960

KINGDEL NC960 Mini Desktop Computer User Manual

Model: NC960

1. PRODUCT OVERVIEW

The KINGDEL NC960 is a fanless mini desktop computer designed for various applications, including home theater personal computing (HTPC), business, education, and everyday use. It features a robust all-metal body and offers silent operation due to its fanless design. This manual provides essential information for setting up, operating, and maintaining your device.



Figure 1: KINGDEL NC960 Mini PC. This image shows the compact design of the mini PC with its heat-dissipating fins and various ports.

Key Features:

- **Processor:** Intel Core i7 4th Gen. CPU (i7-4500U), 2 Cores, 4 Threads, Processor Base Frequency: 1.80GHz, Max Turbo Frequency: 3.00GHz, 4MB Smart Cache, 22nm Lithography.
- **Memory & Storage:** 16GB DDR3L RAM, 256GB mSATA 3.0 SSD. Expandable storage with an extra mSATA SSD and 2.5-inch SATA HDD.
- **Graphics:** HD Graphics 4400, Max Resolution (HD): 3200x2000 at 60Hz.
- **Connectivity:** 4x USB 3.0, 6x USB 2.0, 2x HD Ports, 2x RJ-45 LAN ports, Wireless 802.11a/b/g/n.

- **Design:** Fanless, all-metal body for silent operation and efficient heat dissipation.

2. SETUP GUIDE

2.1 Unpacking and Contents

Carefully unpack all items from the box. Ensure all components are present before proceeding with the setup.



Figure 2: Included accessories. This image displays the power supply, power cable, HD cable, antennas, mounting bracket, and screws that come with the mini PC.

Box Contents:

- KINGDEL NC960 Mini PC
- Power Supply
- Power Cable
- HD Cable
- Antennas (2x)
- Mounting Bracket
- Screws

2.2 Connecting Peripherals

Follow these steps to connect your mini PC:

1. **Connect Antennas:** Screw the two antennas onto the connectors located on the back panel of the mini PC. Ensure they are securely fastened for optimal wireless signal reception.
2. **Connect Display:** Use the provided HD cable to connect your monitor or TV to one of the two HD ports on the back

panel.

3. **Connect USB Devices:** Plug in your keyboard, mouse, and any other USB peripherals into the available USB 3.0 (front) or USB 2.0 (front/back) ports.
4. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router or modem to one of the two RJ-45 LAN ports on the back panel.
5. **Connect Power:** Plug the power supply into the DC IN port on the back panel, then connect the power cable to the power supply and a wall outlet.



Figure 3: Rear panel connections. This image highlights the various ports on the back of the mini PC, including USB, LAN, HD, and DC IN, along with the antenna connectors.

2.3 Mounting (Optional)

The included mounting bracket allows for flexible placement, such as attaching the mini PC to the back of a monitor or under a desk. Use the provided screws to secure the bracket and then attach the mini PC.



Figure 4: Mini PC with vertical stand. This image shows the mini PC oriented vertically using the included stand, demonstrating an alternative placement option.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

- **Power On:** Press the power button located on the front panel. The LED power indicator will illuminate.
- **Power Off:** To safely shut down the system, use the operating system's shutdown function. Avoid directly unplugging the power cable while the system is running to prevent data loss.

3.2 Initial Boot and Operating System

Upon first boot, the pre-installed operating system (if any) will guide you through the initial setup process. Follow the on-screen instructions to configure language, time zone, network settings, and user accounts.

3.3 Network Connectivity

- **Wired Connection:** If an Ethernet cable is connected, the system should automatically detect and connect to the wired network.
- **Wireless Connection:** To connect to a Wi-Fi network, access the network settings within your operating system, select your desired network, and enter the password if required.

3.4 Display Configuration

The mini PC supports dual display output via its two HD ports. You can configure display settings (e.g., extend, duplicate, primary display) within your operating system's display settings.

4. MAINTENANCE

4.1 Cleaning

Due to its fanless design, the KINGDEL NC960 requires minimal internal cleaning. For external cleaning, use a soft, dry cloth to wipe the chassis. Avoid using liquid cleaners directly on the device. Ensure the device is powered off and unplugged before cleaning.

4.2 Storage Expansion

The mini PC comes with a 256GB mSATA 3.0 SSD. For additional storage, you can expand by adding an extra mSATA SSD or a 2.5-inch SATA HDD. Refer to the internal layout diagram (if available) or consult technical support for detailed instructions on accessing and installing additional storage devices.

5. TROUBLESHOOTING

If you encounter issues with your KINGDEL NC960, refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to both the mini PC and a working power outlet.
 - Verify the power outlet is functional by plugging in another device.
 - Check the power supply unit for any visible damage.
- **No Display Output:**
 - Confirm the HD cable is securely connected to both the mini PC and the monitor/TV.
 - Ensure the monitor/TV is powered on and set to the correct input source (e.g., HDMI 1, HDMI 2).
 - Try connecting to a different display or using a different HD cable if available.
- **No Internet Connection:**
 - For wired connections, check if the Ethernet cable is properly connected to both the mini PC and the router/modem. Verify router/modem status.
 - For wireless connections, ensure the antennas are securely attached. Check Wi-Fi settings in the operating system and confirm the correct network and password.
 - Restart your router/modem.
- **System Slow or Unresponsive:**
 - Close unnecessary applications.
 - Check for available operating system updates.
 - Ensure sufficient free storage space on the SSD.

- Perform a system restart.

If these steps do not resolve the issue, please contact customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Model Number	NC960
Processor	Intel Core i7 4th Gen. (i7-4500U), 2 Cores, 4 Threads, 1.8GHz Base, 3.0GHz Max Turbo
RAM	16GB DDR3L SODIMM
Storage	256GB mSATA 3.0 SSD
Graphics	Intel HD Graphics 4400
Max Resolution (HD)	3200x2000@60Hz
USB Ports	4x USB 3.0 (Front), 6x USB 2.0 (2x Front, 4x Back)
Video Output	2x HD Ports
LAN Ports	2x RJ-45 Gigabit Ethernet
Wireless Connectivity	802.11a/b/g/n
Audio Ports	1x MIC/SPK (Front)
Power Input	DC IN
Dimensions (LxWxH)	8.86 x 7.01 x 2.01 inches
Operating System	OS (Pre-installed, specific version may vary)
Chassis Material	All Metal Body

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The KINGDEL NC960 Mini Desktop Computer comes with a **Two-Year Warranty**. This warranty covers manufacturing defects and hardware malfunctions under normal use conditions. Please retain your proof of purchase for warranty claims.

7.2 Technical Support

KINGDEL provides lifetime technical support for this product. For any assistance, questions, or troubleshooting beyond this manual, please contact our support team. We offer 24-hour online reply service.

How to Contact Support via Amazon:

1. Log in to your Amazon account.
2. Navigate to "Your Account".
3. Go to "Your Orders".
4. Find your KINGDEL NC960 order and select "Ask Product Question".



Figure 5: Customer Support Information. This image illustrates the steps to contact KINGDEL customer service through Amazon for product inquiries and support.

