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› DreamQuest Mini PC N150-11 Pro User Manual

DreamQuest N150-11 Pro

DreamQuest Mini PC N150-11 Pro User Manual

Model: N150-11 Pro

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your DreamQuest Mini PC N150-11 Pro. This compact desktop computer features an Intel N150 processor, 32GB DDR4 RAM, and a 1TB SSD, designed for various computing tasks. Please read this manual thoroughly before using the device.

2. PACKAGE CONTENTS

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

- 1 x DreamQuest Mini PC (N150-11 Pro, 32GB DDR4 RAM, 1TB M.2 SSD)
- 1 x VESA Mount with Screws
- 1 x HDMI Cable
- 1 x Power Adapter (US Type A - 2 pin)
- 1 x User Manual
- RGB Lighting (Included Component)

3. PRODUCT FEATURES

The DreamQuest Mini PC N150-11 Pro offers the following key features:

- **Processor:** Intel N150 (4 Cores/4 Threads, up to 3.6GHz, 6MB Smart Cache)
- **Operating System:** Linux pre-installed, compatible with Windows 11 Pro/Home, Ubuntu. Supports PXE boot, BIOS setup, Wake on LAN, RTC Wake, and Auto Power-On.
- **Storage:** 1TB M.2 SSD with dual expansion slots, supporting up to 4TB total (2TB per slot). Includes one adaptive M.2 slot and one compatible with PCIe/NVMe drives.
- **Memory:** 32GB DDR4 RAM (up to 3200MHz) for efficient multitasking.
- **USB-C Interface:** Full-featured USB-C port for high-speed data transfer, rapid charging, and 4K video output.
- **Display Support:** Supports up to three 4K 60Hz monitors simultaneously via 2 HDMI ports and 1 USB-C port.
- **Connectivity:** Integrated WiFi 5 and Bluetooth 5.0 for stable wireless connections. Dual Gigabit LAN ports for wired networking.

- **USB Ports:** Four USB 3.2 ports for peripheral connections.
- **Cooling:** Advanced smart cooling fan with upgraded placement, larger vents, and improved airflow, automatically adjusting speed based on CPU temperature.
- **Expandable SATA Slot:** Built-in SATA 3.0 port compatible with 2.5" SSD or HDD (max height 7mm), allowing storage expansion up to 2TB.

4. PORT OVERVIEW

The DreamQuest Mini PC N150-11 Pro features a variety of ports for connectivity. Refer to the image below for port identification.



Image 1: Front and Rear View of DreamQuest Mini PC N150-11 Pro Ports. The image displays the compact mini PC from two angles, highlighting its various input/output ports. On one side, from top to bottom, are the DC power input, two 1000Mbps Ethernet ports, two USB 2.0a ports, a USB Type-C port, a DisplayPort, and a 3.5mm audio jack. On the other side, a TF card slot and two USB 3.2 ports are visible.

Port Descriptions:

- **DC Power Input:** Connect the included power adapter here.
- **1000Mbps Ethernet (RJ45) Ports (x2):** For wired network connections.
- **USB 2.0a Ports (x2):** For connecting peripherals such as keyboards, mice, or other USB 2.0 devices.
- **USB Type-C Port:** Supports data transfer, power delivery, and 4K video output.
- **DisplayPort:** For connecting to a display device.
- **Audio Jack (3.5mm):** For connecting headphones or external speakers.

- **TF Card Slot:** For inserting a TF (MicroSD) memory card.
- **USB 3.2 Ports (x2):** For high-speed data transfer with compatible USB 3.2 devices.

5. SETUP

Follow these steps to set up your DreamQuest Mini PC:

1. **Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI, DisplayPort, or USB-C ports.
2. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB ports.
3. **Connect Network (Optional):** For a wired connection, connect an Ethernet cable to one of the RJ45 ports. For wireless, ensure your WiFi network is available.
4. **Connect Power:** Plug the power adapter into the DC power input on the Mini PC, then plug the adapter into a power outlet.
5. **Power On:** Press the power button on the Mini PC. The system will boot up.
6. **Initial Configuration:** Follow the on-screen instructions to complete the initial setup of the pre-installed Linux operating system.

6. OPERATING

Your DreamQuest Mini PC comes with Linux pre-installed, providing a stable and secure computing environment. Basic operation includes:

- **Navigation:** Use your connected mouse and keyboard to navigate the graphical user interface.
- **Software:** Access pre-installed applications or install new software from the Linux package manager or official sources.
- **Internet Access:** Connect to the internet via wired Ethernet or integrated WiFi 5.
- **File Management:** Use the file manager to organize documents, images, and other files on the 1TB SSD or connected external storage.
- **Power Off/Restart:** Always shut down the system properly through the operating system's power options to prevent data loss.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Mini PC:

- **Keep Clean:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Ensure vents are free from dust and obstructions to maintain proper airflow.
- **Software Updates:** Keep your operating system and applications updated to the latest versions for security and performance improvements.
- **Data Backup:** Periodically back up important data to an external drive or cloud storage.
- **Environmental Conditions:** Operate the Mini PC in a well-ventilated area, away from direct sunlight, excessive heat, or moisture.
- **Power Management:** Use a surge protector to protect against power fluctuations.

8. TROUBLESHOOTING

If you encounter issues with your Mini PC, 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. Try a different outlet if necessary.
- **No Display:** Verify that the monitor is powered on and correctly connected to the Mini PC. Try a different display cable or port. Ensure the correct input source is selected on your monitor.
- **No Internet Connection:** For wired connections, check the Ethernet cable and router status. For WiFi, ensure the WiFi adapter is enabled and you are connected to the correct network with the correct password.
- **Peripherals Not Working:** Try connecting the peripheral to a different USB port. Ensure drivers are installed if required by the operating system.
- **System Slowdown:** Close unnecessary applications. Check for background processes consuming resources. Ensure sufficient free storage space.
- **System Freezes:** Perform a hard reboot by holding the power button until the device turns off, then power it back on. Check for recent software changes or updates that might be causing instability.

9. SPECIFICATIONS

Feature	Specification
Brand	DreamQuest
Model Name	DreamQuest Pro Plus (N150-11 Pro)
Processor	Intel N150 (3.6 GHz Celeron)
RAM	32 GB DDR4 SDRAM
Hard Drive	1 TB SSD (M.2)
Operating System	Linux
Graphics Card	Integrated Intel UHD Graphics
Connectivity	WiFi 5, Bluetooth 5.0, Dual Gigabit LAN
Ports	4x USB 3.2 Gen2, 3x HDMI (4K 60Fps), 2x Gigabit RJ45, 1x 3.5mm Audio Jack, 1x DC Jack, 1x CLR CMOS Reset, 1x TF Card Slot, 1x USB-C, 1x DisplayPort
Expandable Storage	1x M.2 2280, 1x SATA3.0 (2.5" HDD/SSD up to 7mm)
Item Weight	2.2 pounds
Package Dimensions	9.49 x 8.19 x 2.17 inches
Color	Space Black

10. WARRANTY AND SUPPORT

Your DreamQuest Mini PC is backed by a **1-year warranty**. For technical support or warranty claims, please follow these steps:

1. Log in to your Amazon account.
2. Navigate to 'My Orders'.
3. Locate the order ID for your DreamQuest Mini PC.
4. Click on 'Contact Seller' to reach DreamQuest customer support.

For additional resources, please visit the official DreamQuest support website (if available).