KOOSMILE N150 (P8)

KOOSMILE N150 8-inch 2-in-1 Mini Laptop User Manual

Model: N150 (P8)

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your KOOSMILE N150 8-inch 2-in-1 Mini Laptop. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- KOOSMILE N150 8-inch 2-in-1 Mini Laptop x1
- PD Adapter x1
- Active Stylus x1
- HDMI Cable x1
- HUB x1
- User Manual x1
- Data Cables x2

3. PRODUCT OVERVIEW

Familiarize yourself with the components and ports of your mini laptop.

Image 3.1: KOOSMILE N150 Mini Laptop with labeled ports and buttons. Key components include the Front Camera, RJ45 port, USB 3.0 port, Audio jack, HDMI port, Type-C port, Speaker, Middle Mouse Button, Left Mouse Button, Right Mouse Button, Capital indicator, and Power Button.

3.1 Key Features

- **Processor:** Intel N150 (4 cores/4 threads, up to 3.6GHz)
- **Operating System:** Windows 11 Pro
- **Display:** 8-inch HD Touch Screen (1280x800 pixels)
- **Memory:** 12GB LPDDR5 RAM (4800 MHz)
- **Storage:** 512GB or 1TB M.2 SSD (expandable up to 2TB)
- **Connectivity:** Wi-Fi 6 (802.11ax), Bluetooth 5.2, Gigabit Ethernet (via RJ45)
- **Ports:** USB 3.0, USB Type-C, HDMI, Headphone Jack
- **Camera:** 2MP Front Camera
- **Design:** 180° Rotating Screen, 2-in-1 Convertible (Laptop/Tablet mode), CNC-machined full-metal body
- **Weight:** Approximately 0.78 kg (1.72 pounds)

4. SETUP

4.1 Initial Charging

1. Connect the provided PD Adapter to the USB Type-C port on the laptop.

2. Plug the adapter into a power outlet.

3. Allow the device to charge fully before first use. A full charge is indicated by the charging LED changing color or turning off.

4. **Note:** Use only the provided PD adapter or a compatible Type-C charger with sufficient voltage (e.g., a laptop or Steamdeck charger) to ensure proper charging. Standard phone USB blocks may not provide enough power.

4.2 First Boot and Windows Setup

1. Press and hold the Power Button (refer to Image 3.1) until the screen illuminates.

2. Follow the on-screen instructions to complete the Windows 11 Pro setup process. This typically includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Sleep Mode

- **Power On:** Press the Power Button.
- **Sleep Mode:** Briefly press the Power Button while the device is on. Press again to wake.
- **Shut Down:** Click the Windows Start button, then Power, and select "Shut down."
- **Restart:** Click the Windows Start button, then Power, and select "Restart."

5.2 Using the 2-in-1 Functionality

The laptop features a 180° rotating screen, allowing it to transform into various modes.

Image 5.1: Demonstrates the KOOSMILE N150 Mini Laptop in its three primary modes: Normal (traditional laptop), Flip (tent mode), and Tablet (screen folded back). This highlights the device's versatility for different usage scenarios.

- **Laptop Mode:** Standard configuration for typing with the physical keyboard.
- **Tent Mode (Flip):** Rotate the screen 180 degrees and stand the device in a tent shape for media consumption or presentations.
- **Tablet Mode:** Fold the screen completely back against the base for a full touchscreen experience. The physical keyboard will automatically disable in this mode.
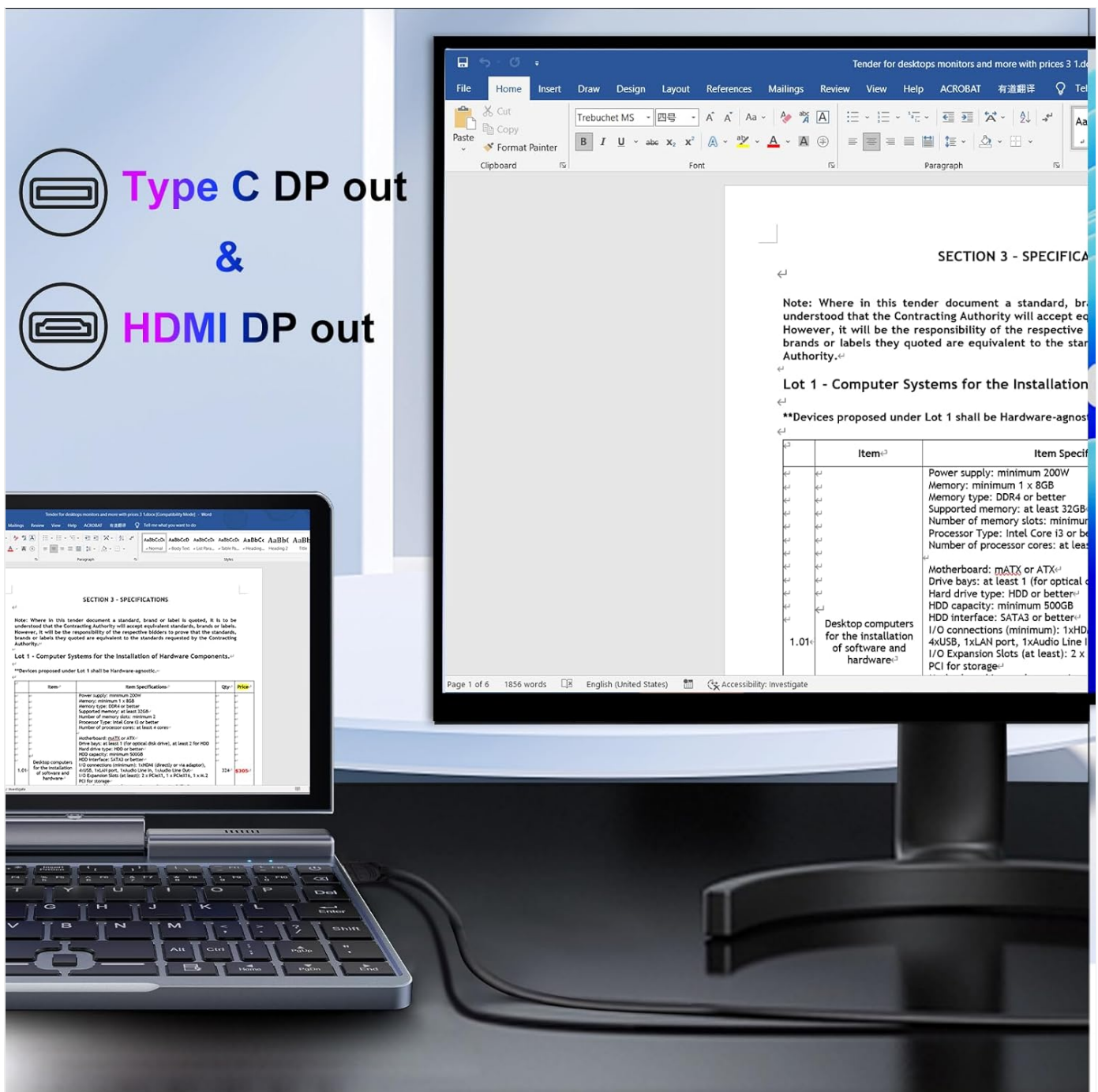
5.3 Touch Screen and Stylus Usage

- The 8-inch HD screen supports multi-touch gestures.
- Use the included Active Stylus for precise input, drawing, or note-taking, especially in Tablet mode.

5.4 Connecting External Displays

The laptop supports external displays via HDMI and USB Type-C (DisplayPort out).

Image 5.2: The KOOSMILE N150 Mini Laptop connected to an external monitor, demonstrating its capability for multi-screen display and enhanced productivity. The image shows the laptop displaying a document while the external monitor shows a larger view of the same document.

Image 5.3: The KOOSMILE N150 Mini Laptop configured as a micro desktop, connected to two external monitors, a keyboard, and a mouse. This setup illustrates its potential for multi-tasking and extended workspace.

1. Connect an HDMI cable from the laptop's HDMI port to your external display.
2. Alternatively, use a USB Type-C to DisplayPort cable or adapter for compatible monitors.
3. Press **Windows Key + P** to open the Project menu and select your desired display mode (e.g., Duplicate, Extend, Second screen only).

5.5 Network Connectivity

- **Wi-Fi:** Access Wi-Fi settings via the Windows taskbar icon to connect to available wireless networks.
- **Bluetooth:** Enable Bluetooth in Windows settings to pair with Bluetooth devices like headphones or keyboards.
- **Ethernet:** Connect an Ethernet cable to the RJ45 port for a wired network connection.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and exterior.
- For stubborn marks, lightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals.
- Ensure the device is powered off and unplugged before cleaning.

6.2 Battery Care

- To prolong battery life, avoid extreme temperatures.
- Do not allow the battery to fully discharge frequently.
- If storing the device for an extended period, charge it to approximately 50-70%.

6.3 Software Updates

- Regularly check for and install Windows updates to ensure optimal performance and security. Go to**Settings > Windows Update**.

7. TROUBLESHOOTING

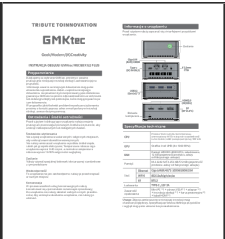| Problem	Possible Solution
Device does not power on.	- Ensure the device is charged. Connect the PD adapter and wait a few minutes before attempting to power on. - Press and hold the Power Button for 10-15 seconds to perform a hard reset.
Battery not charging.	- Verify the PD adapter is securely connected to both the laptop and the power outlet. - Ensure you are using the provided PD adapter or a compatible Type-C charger with sufficient power output. - Try a different power outlet.
Wi-Fi connection issues.	- Check if Wi-Fi is enabled in Windows settings. - Restart your router and the laptop. - Forget the network and reconnect.
Touchscreen or stylus not responding.	- Restart the device. - Ensure the screen is clean and free of debris. - Check Windows settings for touch and pen input.
Device runs hot during use.	- Ensure proper ventilation; do not block air vents. - Avoid using the device on soft surfaces like beds or couches for extended periods. - Close unnecessary applications to reduce CPU load.

8. SPECIFICATIONS

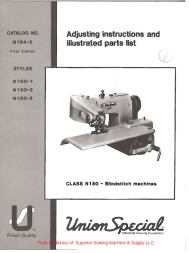| Feature	Detail
Model	P8 (N150)
Processor	Intel N150 (4 cores/4 threads, up to 3.6GHz)
Graphics	Intel UHD Graphics (Integrated)
Operating System	Windows 11 Pro
Display	8-inch HD Touch Screen, 1280 x 800 pixels
RAM	12GB LPDDR5 (4800 MHz)
Storage	512GB or 1TB M.2 SSD (Expandable up to 2TB)
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
Ports	1x USB 3.0, 1x USB Type-C (DisplayPort out), 1x HDMI, 1x Headphone Jack, 1x RJ45 (Ethernet)
Camera	2MP Front Camera
Battery	36.5 WH Lithium Polymer
Dimensions (LxWxH)	7.87 x 5.51 x 0.79 inches
Weight	1.72 pounds (0.78 kg)
Color	Gray

9. WARRANTY AND SUPPORT

KOOSMILE provides a 1-year warranty for this product. For technical support, warranty claims, or any inquiries, please contact KOOSMILE customer support. Contact details can typically be found on the KOOSMILE official website or through your purchase platform.
Online resources and FAQs may also be available on the KOOSMILE Store.

Related Documents - N150 (P8)

[GMKtec NUCBOX G2 PLUS User Manual and Safety Information](#)
Comprehensive user manual for the GMKtec NUCBOX G2 PLUS mini PC, covering setup, specifications, safety precautions, and warranty information. Includes detailed descriptions of hardware interfaces and operational guidelines.

[Samsung N150 Plus RAM Replacement Guide](#)

A step-by-step guide from iFixit detailing the process of replacing the RAM module in a Samsung N150 Plus laptop. Includes required tools, parts, and textual descriptions of visual aids for each step.

[Samsung N150 Plus RAM Replacement Guide](#)

A step-by-step guide to replacing the RAM in a Samsung N150 Plus laptop, enhancing performance by upgrading to 2GB.

[Samsung N150 Plus Screen Replacement Guide](#)

A step-by-step guide to replacing the screen on a Samsung N150 Plus laptop, detailing the necessary tools, parts, and procedures for safe removal and reassembly.

[Union Special N150 Blindstitch Machine Adjusting Instructions & Parts List](#)

This document provides comprehensive adjusting instructions and an illustrated parts list for Union Special Class N150 blindstitch machines, including styles N150-1, N150-2, and N150-5. It covers machine identification, application, detailed descriptions of machine styles, safety rules, oiling procedures, needle selection and changing, threading, and various adjustments for the presser foot, needle stroke, looper timing, feed plates, ridge former, feed dog, and stitch length. The document also includes exploded views and numerical parts lists to facilitate ordering repair parts.

[ASUS WL-330NUL Wireless-N150 Combo USB Adapter Quick Start Guide](#)

Get started with your ASUS WL-330NUL Wireless-N150 Combo USB Adapter. This guide provides setup instructions, connection methods, and usage tips for Windows and MAC OS X users.