TECLAST N10

TECLAST Mini PC N10 User Manual

Model: N10

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your TECLAST Mini PC N10. This compact desktop computer features an Intel Celeron N4000 processor, 6GB DDR4 RAM, 128GB SSD, and comes pre-installed with Windows 11 Pro. It is designed for various applications including office work, multimedia playback, and general computing tasks.

Image 1.1: Front view of the TECLAST Mini PC N10, showing its compact design and front ports.

2. PACKAGE CONTENTS

Please check the package for the following items:

- TECLAST Mini PC N10 Unit
- Power Adapter

- User Manual

If any items are missing or damaged, please contact customer support.

3. PRODUCT OVERVIEW

3.1. Physical Dimensions and Design

The TECLAST Mini PC N10 is designed to be compact and lightweight, making it suitable for various environments. Its dimensions are approximately 11.9 x 11.9 x 2.4 cm, and it weighs around 700g.

Image 3.1: Illustration of the TECLAST Mini PC N10's compact dimensions (120mm x 120mm x 24mm) and lightweight design (200g, note: product specifications state 700g).

3.2. Port Layout

The Mini PC N10 features a variety of ports for connectivity, located on its right, left, and back sides.

PC Expansion Ports

Right

TF(MicroSD)　　　　USB3.2　　Power

Left

VGA

VGA

Back

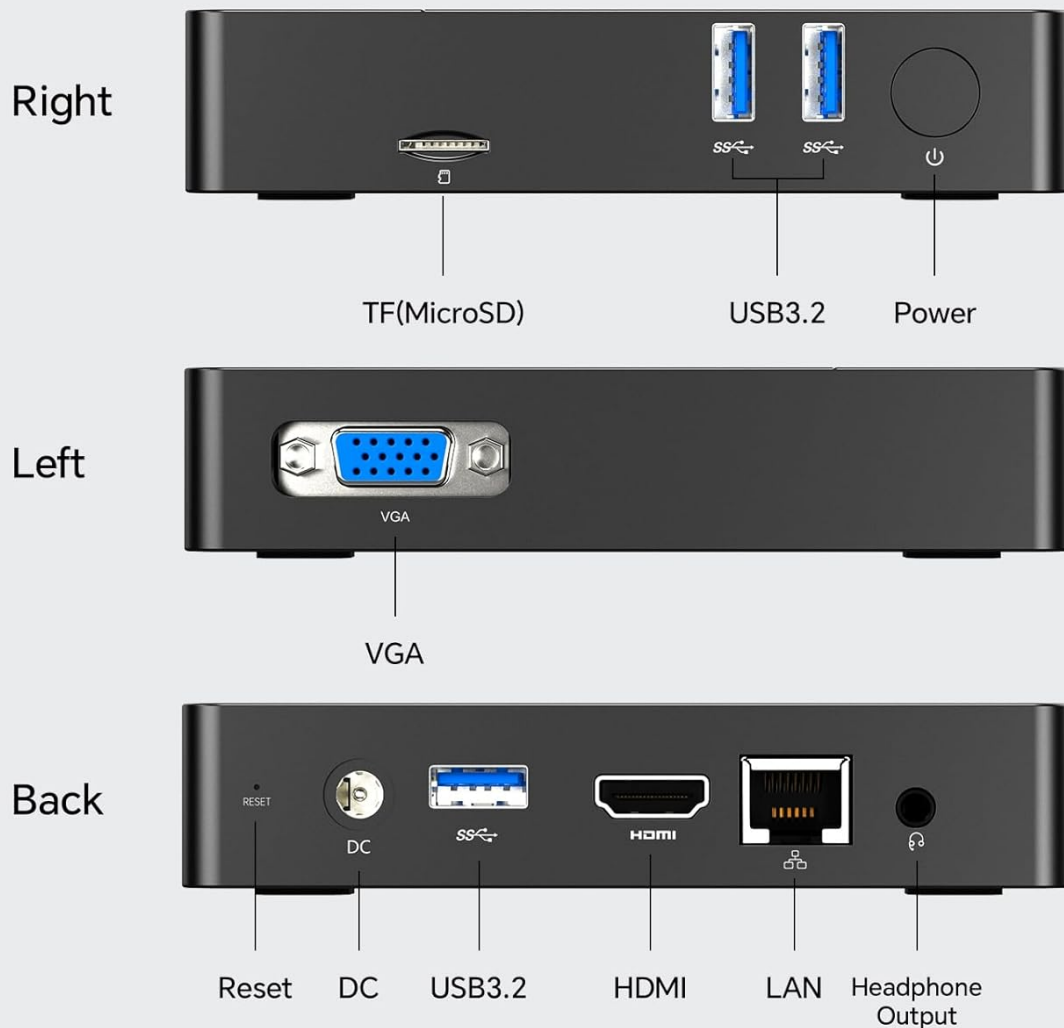Reset　DC　USB3.2　　HDMI　　LAN　Headphone Output

Image 3.2: Detailed view of the TECLAST Mini PC N10's expansion ports.

- **Right Side:** TF (MicroSD) Card Reader x 1, USB 3.2 x 2, Power Button x 1
- **Left Side:** VGA Port x 1
- **Back Side:** Reset Button x 1, DC Power Input x 1, USB 3.2 x 1, HDMI Port x 1, RJ45 Ethernet Port x 1, 3.5mm Headphone Output x 1

4. INITIAL SETUP

Follow these steps to set up your TECLAST Mini PC N10:

1. **Connect to a Display:** Connect your monitor or TV to the Mini PC using either the HDMI port or the VGA port. For optimal resolution, use the HDMI port.

2. **Connect Peripherals:** Plug in your keyboard and mouse to the available USB 3.2 ports.

3. **Connect to Power:** Connect the power adapter to the DC power input port on the back of the Mini PC, then plug the adapter into a power outlet.

4. **Power On:** Press the power button located on the right side of the Mini PC. The system will boot up.

5. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.

5. OPERATING INSTRUCTIONS

5.1. Connecting to the Internet

- **Wired Connection:** Connect an Ethernet cable from your router or modem to the RJ45 Ethernet port on the back of the Mini PC.
- **Wireless Connection:** The Mini PC supports 2.4GHz and 5GHz Wi-Fi. During Windows setup or via Windows settings, select your Wi-Fi network and enter the password.

Image 5.1: The Mini PC N10 supports 2.4G+5G Wi-Fi, 1000Mbps RJ45 Ethernet, and Bluetooth 4.2 for versatile connectivity.

5.2. Dual Display Setup

The TECLAST Mini PC N10 supports dual display output via its HDMI and VGA ports, allowing you to extend your desktop across two screens or duplicate your display.

1. Connect your primary monitor to the HDMI port.

2. Connect your secondary monitor to the VGA port.

3. Once both monitors are connected and powered on, Windows 11 should automatically detect them.

4. To configure display settings (extend, duplicate, resolution), right-click on the desktop, select 'Display settings', and adjust as needed. The HDMI port supports up to 4K@60Hz resolution.

TECLAST N10 Connecion

Carefully designed with HDMI and VGA video ports, compatible with various display devices, effortlessly enabling dual-screen display. The HDMI port supports 4K resolution screens, providing a clearer and more lifelike visual experience.

HDMI+VGA
Dual Display Output

VGA

HDMI

Image 5.2: The Mini PC N10 connected to two monitors via HDMI and VGA for dual display output.

5.3. Storage Expansion

The Mini PC N10 includes 128GB of internal SSD storage. For additional storage, it supports SATA protocol for M.2 SSD expansion (2242 length, M.2 interface, not included). A TF (MicroSD) card reader is also available for removable storage.

Performance

The TECLAST N10 is equipped with an efficient 6GB of LPDDR4 memory with enhanced multitasking capabilities to meet the needs of most home users. It also comes with 128GB of high-speed storage, giving you plenty of space and quick access to your important files and programmes. In addition, for those who need more storage space, it supports SATA protocol for SSD expansion with 2242 length M.2 interface (not included), making SSD upgrades simple and efficient.

6GB LPDDR4
RAM

128GB
Storage

M.2 SSD
Expansion(not included)

Image 5.3: Overview of the Mini PC N10's 6GB LPDDR4 RAM, 128GB storage, and M.2 SSD expansion capability.

6. SPECIFICATIONS

Feature	Detail
Brand	TECLAST
Model Name	N10
Product Dimensions	11.9 x 11.9 x 2.4 cm
Product Weight	700 g
Color	Black

Operating System	Windows 11 Pro
Processor Manufacturer	Intel
Processor Type	Intel Celeron N4000
Processor Speed	2.6 GHz (Turbo Frequency)
Number of Processors	2
RAM Capacity	6 GB
Memory Technology	DDR4
Hard Drive Description	SSD
Memory Storage Capacity	128 GB
Graphics Coprocessor	Intel UHD Graphics 600
Graphics Card Description	Integrated
Maximum Resolution	3840 x 2160 (4K)
Connectivity Type	Wi-Fi, Bluetooth
Wireless Connection Type	2.4GHz + 5GHz Wi-Fi, Bluetooth 5.0
Ports	HDMI x 1, VGA x 1, USB 3.2 x 3, RJ45 Ethernet x 1, 3.5mm Audio x 1, TF (MicroSD) x 1

Performance

Mini but Mighty

Teclast N10 redefines efficiency with the Intel N4000 processor, optimizing performance at a low 6W TDP. Achieving up to 2.6GHz turbo frequency, it's perfect for productive work and home entertainment, balancing power with energy efficiency for a seamless experience in a compact, heat-efficient design.

Intel N4000
Power Efficiency

14nm Process
Gemini Lake Architecture

4MB
High-Speed Cache

2.6GHz
Turbo Frequency

Image 6.1: Details of the Intel Celeron N4000 processor, featuring 14nm process, Gemini Lake Architecture, 4MB cache, and up to 2.6GHz turbo frequency.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Mini PC. Avoid using liquid cleaners or sprays directly on the device.
- **Ventilation:** Ensure the ventilation openings are not blocked to prevent overheating. Place the Mini PC on a flat, stable surface.
- **Software Updates:** Regularly check for and install Windows updates to ensure system stability and security.
- **Data Backup:** Periodically back up important data to an external drive or cloud storage to prevent data loss.

8. TROUBLESHOOTING

8.1. 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.

8.2. No Display

- Check that the HDMI or VGA cable is securely connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source (HDMI/VGA).
- Try connecting to a different display or using a different cable to rule out faulty components.

8.3. No Internet Connection

- **Wired:** Check the Ethernet cable connection. Verify your router/modem is working correctly.
- **Wireless:** Ensure Wi-Fi is enabled in Windows settings. Check if you are connected to the correct network and have entered the password correctly. Restart your router/modem.

8.4. System Slowdown

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates.
- Ensure there is sufficient free space on the SSD.
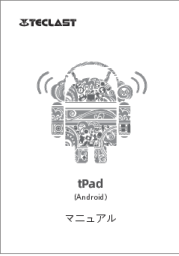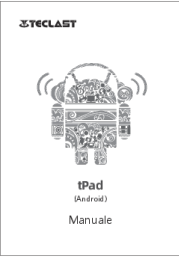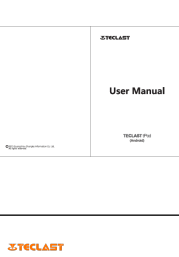- Run a virus scan to check for malware.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The TECLAST Mini PC N10 comes with a 2-year warranty, valid immediately after purchase. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

If you require assistance or have any questions regarding your TECLAST Mini PC N10, please contact our customer support team. Send us a message, and our specialists will respond within 1 business day. We are committed to providing support for our products.

Related Documents - N10

tPad (Android) マニュアル	**Teclast tPad Android Tablet User Manual and Setup Guide** Comprehensive user manual and setup guide for the Teclast tPad Android tablet, covering initial setup, Wi-Fi, Bluetooth, display, sound, applications, security, and PC connectivity.
tPad (Android) Manuale	**Teclast tPad Android Tablet User Manual and Installation Guide** This document provides a comprehensive user manual and installation guide for the Teclast tPad Android tablet. It covers initial setup, button functions, connectivity options (Wi-Fi, Cellular, Bluetooth), display and sound settings, PC connection, application management, user accounts, security, language input, date and time settings, USB OTG functionality, and charger specifications. Includes information on hazardous substances compliance.
TECLAST Tablet Teclast T60Plus 12" 8/256 GB Instrukcja obsługi TECLAST tPad (Android)	**Teclast T60Plus 12-inch Tablet User Manual and Specifications** Comprehensive user manual and specifications for the Teclast T60Plus 12-inch tablet, covering setup, features, connectivity, safety, and compliance.
User Manual TECLAST Mini PC	**TECLAST Mini PC User Manual: Setup, Upgrade, and Safety Guide** Comprehensive user manual for the TECLAST Mini PC, covering connection, quick start, internal component upgrades (SSD, DDR memory), and essential safety notes. Includes FCC compliance information.
User Manual TECLAST tPad (Android)	**TECLAST tPad (Android) User Manual** Comprehensive user manual for the TECLAST tPad (Android) device, covering setup, button functions, virtual buttons, control center, connectivity options, display settings, sound, HDMI, battery status, PC connection, application management, user accounts, location services, security, and language/input settings.
TECLAST User Guide Laptop (Windows)	**TECLAST Laptop User Guide for Windows 11** Official user guide for TECLAST laptops running Windows 11. Covers initial setup, system configuration, connecting to networks and Bluetooth, language and display settings, system recovery, power management, touchpad usage, and firmware updates. Includes model information for F15 Plus 2 and G1F1.