MINIX
Now Anywhere Computing

NEO Z64

4K Ultra HD™ Mini PC

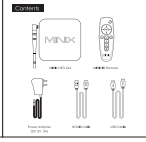
Specifications

Processor	Intel® Celeron® J4125 (Quad-core, up to 2.7GHz)
GPU	Intel® HD Graphics
System Memory	2GB(DDR4)
Storage	32GB eMMC
OS Support	Android™9.0/Linux/Windows 10 Home/Windows 10 Pro/Windows 10 IoT Enterprise
Connectivity	Wi-Fi: 802.11 a/b/g/n/ac, 2.4/5.0GHz, up to 433Mbps (2x2 MIMO), Bluetooth 4.0
USB	3 x USB 2.0 Ports
Video Output	HDMI™ 2.0
Audio Output	3.5mm Jack, 2.1 Stereo Audio
Audio	IR Remote Control
Dimensions	119x119x39mm

Ethernet (not will)

support Ethernet and all connection, you can use the same network connecting
method as Wi-Fi to connect the Internet and enjoy the wonderful world.
Wi-Fi 802.11 a/b/g/n/ac
Wi-Fi 802.11 a/b/g/n/ac is a method the PC NEO Z64 can use to connect the Internet. NEO PC NEO Z64 will OFF following devices.
Such as BLUETOOTH PC NEO Z64 mouse and Mobile phone etc.

Contents



FCC Certification Requirements

Caution: Any changes or modifications to construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

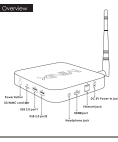
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consulting dealer or an experienced radio/TV technician for help.

Operation of this transmitter must be installed in a way that a separation distance of 20cm from all persons.

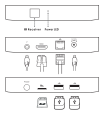
Thank you for purchasing the MINIX NEO Z64.

The NEO Z64 transforms any connected HDMI™ and LCD monitor into an UCAS™ connection (mini PC). Functioning as an all-inclusive MINIX™ PC, equipped with Android™ 9.0 or LINUX/Windows, the NEO Z64 brings the convenience and ease of the big screen, offering web browsing, HDMI, HD 1080p HD video playback and streaming, Ethernet radio, gaming and much more.

Overview



Overview



Overview

IR Receiver - Used with the included **MINIX IR** Remote to control the NEO Z64.

Power LED - The LED **Light** will be on when the NEO Z64 is on.

Power button - To power on the NEO Z64, press and hold **IR** the power button for 2 seconds until the power LED **glows**. To power off the NEO Z64, press and hold **IR** the power button and the **OK** button on **IR** Remote for the power off options.

Reset - Use a paper clip or pin to press the **Reset** button to restore the NEO Z64 to factory default.

Micro SD card slot - **A** micro SD card slot allows for extra files, photos & more in a micro SD card, expansion up to 64GB max.

Headphone Jack - Connect to an external **Audio** output device such as headphones etc.

Overview

Ethernet Jack - Connect the Ethernet cable for internet access. **If** you need advanced settings such as VPN, go into the settings page at "Settings" > "Apps..." > **Wi-Fi** (connected with the Ethernet cable). The NEO Z64 can be used as a router and **share** the NEO Z64 Ethernet. If you need to use the NEO Z64 as a router, go to "Settings" > "Network & Internet" > "Hotspot & tethering" > "Ethernet".

DC 5V Power In Jack - Connect the 5V power adapter supplied in the package to the port. The NEO Z64 requires a stable 5V/3A power supply, however the **5V/3A** power adapter provides 3A. It is considerable that you may require extra to connect other power-drawing external **devices** such as an external **drive** drive or micro SD card, expansion up to **64GB** max.

USB 2.0 Ports - Connect an external **USB** devices the NEO Z64 such as **USB** flash drives (Thumb), keyboard and mouse, USB wired Mouse, receiver (if **MINIX** mouse), **MINIX** branded air mouse / gyro mouse etc.

HDMI port - Connect the NEO Z64 to the HDMI port of a high-definition TV or PC monitor using an HDMI **cable**.

Control

Different Control Methods - You may control the NEO Z64 with the following input devices:

1) MINIX Mouse
2) USB or USB wireless mouse and keyboard set
3) USB/BLUTOOTH mouse / gyro mouse (**MINIX** branded mouse **or** keyboard)
4) **MINIX** Remote (IR Remote)

Using the MINIX IR Remote - Use the **MINIX IR** Remote to control the NEO Z64 settings and navigate your content. Make sure there are no obstructions between the **MINIX IR** Remote and the NEO Z64.

IR Remote Functions

- **MENU** - Menu button functions vary for each application.
- **HOME** - Return to Home screen (Android™ 9.0 only).
- **POWER** - To wake up from or put the **MINIX** NEO Z64 into **Sleep** mode.
- **BACK** - Return to the previous screen or page in a web **browser** or **app**.
- **VOLUME DOWN** - Adjust the system **volume** down.
- **VOLUME UP** - Adjust the system **volume** up.
- **OK** - Select / confirm.
- **MUTE** - Mute / unmute.
- **RIGHT** - Move right.
- **LEFT** - Move left.
- **DOWN** - Move downward.
- **UP** - Move upward (**Left** button as an "Enter" key).
- **SETTINGS** - **Settings** page settings menu.

Basic Setup

What you need:

High Definition TV or PC monitor - Best use **studio** 720p or 1080p video with **HDMI** and **HDMI** input.

HDMI Cable - To connect the NEO Z64 to your TV (**HDMI** cable included).

Wireless Network - A wired network is not **NEO Z64 (pre-installed)**. network enables video streaming services, BBC iPlayer, and **MINIX** network name and password.

Software and accounts - To play content (videos, photos, music) from a smartphone or PC on the NEO Z64 you **need**:

- A GPS/DNA (free software/application on your smartphone or PC.
- A Google account to sign in to Google **Play** Store to download the corresponding software/application (free software/application) necessary for streaming the content from a smartphone or PC.
- Other accounts may be required for full access to some Internet contents.

Basic Setup

Use **MINIX** NEO Z64 connects to your TV or PC monitor through an HDMI port and **LCD** both audio and video. Before you setup the NEO Z64 **LCD** TV/LCD, on the attachment of your TV or PC monitor to ensure you have the right cable.

- Connect the HDMI port on the NEO Z64 to a HDTV or home theater equipment that has HDMI input, using the HDMI cable for video and audio.

Step 1: Connecting the cable

1. Connect one end of the **HDMI cable** to the HDMI port of your TV / PC monitor.
2. Connect the other end of the **cable** to the HDMI port of the NEO Z64.

Step 2: Connecting the power

- Connect the AC power adapter supplied in the package to the **DC** port. Hold and **hold** the power button for 1-2 seconds to power on the NEO Z64, the **Blue** power LED should **glow**.

Step 3: Turn on your TV / PC monitor and select the input

- Switch on your TV or PC monitor and select the corresponding HDMI port connected to NEO Z64.

Basic Setup

Language Setup

You may choose the desired system **language** by following these steps:

Launch the Home Screen > Settings > Language & input > Language

The **default language** is English, you may choose your desired **language** and confirm.

Time Zone Setup

You **can** adjust the time zone according to your current location by the **following** steps:

Launch the Home Screen > Settings > Date & Time > Select Time Zone

Choose your time zone and confirm.

Wi-Fi Setup (Optional)

To connect to your wireless network follow these steps:

Launch the Home Screen > Settings > Wi-Fi > Check the option

"To see available networks turn Wi-Fi on"

Your **device** will start to search for the available wireless networks **and** display the **available** networks. Now you need to connect to your wireless network by entering the password of the Wi-Fi network when the **install** keyboard appears. Finally, **hit** the "Connect" button.

Google Play Store

Sign in to your Google **Account**.

Launch the Google **Play** Store by the following steps:

Launch the Home Screen > Google Play Store, select and confirm.

To use the Google **Play** Store you **need** a Google Account. If you **already** have a Google **Account** select "Sign in" (Google with your Google **Account**) **If** you don't have a Google Account yet, select "Get a Google Account" and complete the rest of the process.

Upon completion of the sign in process you will be brought to the Google **Play** Store, allowing you to download and install the applications you want.

Recommendation: If you connect the NEO Z64 to an access on the Google **Play** Store then select **Play** page and then **Notification** notification or other reasons, you may find and download the application **"Wi-Fi Enhancer"**, open from the Internet and install from through the "Install Unknown" which is pre-loaded in the system.