

MINIX
Neo Multimedia Technology

NEO U9-H
64-bit Octa Core
Mini PC with Android OS

Setup Guide

Specifications

Processor: Octa Core Cortex A53 Processor (4x 64bit)

GPU: Mali-T720MP2 (GPU)

Memory: 2GB DDR3, 32-bit

Main Storage: 16GB eMMC 5.0 Storage (MLC)

Internal Connectivity: WiFi (2.4GHz), (BT4.0)

Bluetooth: 4.1

OS: Android 5.0 Lollipop (OS)

Video Output: HDMI*1, VGA**1, AV**1, DVI**1, Supports HDMI/CDC, HDR

Audio Output: Via HDMI*2, 3.5mm Stereo Jack, Optical SPDIF

Impressive Feature: Mini PC, Octa-core

USB 3.0 port x 2, OTG port x 1, Kensington Lock ready

MicroSD Slot: Supports up to 32GB, 4-in-1 available

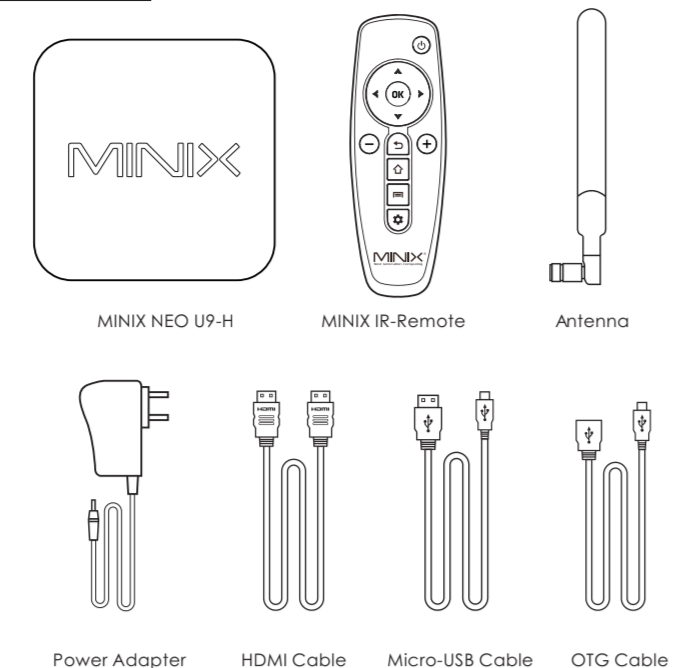
DC IN: 5A Adapter Included (ECC, FCC certified)

Power: 5V/2A Input

Suggested Video Format: 1080P/720P/1080i/720i/4K/30FPS/AVC/H.264

Suggested Audio Format: DTS-HD/Dolby/DTS/MP3/FLAC/WMA/AAC/MP3/WMA/AAC

Contents



MINIX NEO U9-H

MINIX Remote

MINIX

Power Adapter

HDMI Cable

Micro-USB Cable

OTG Cable

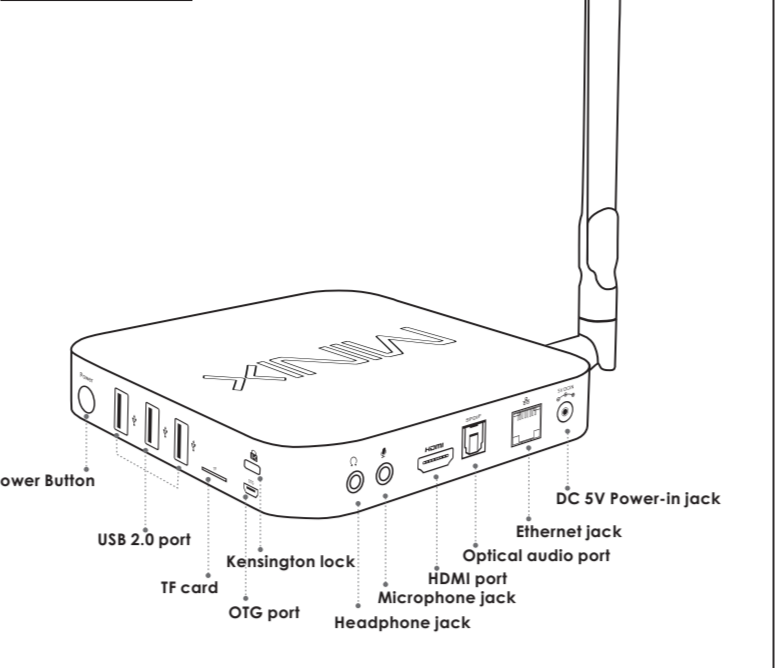
Check you for purchasing the MINIX NEO U9-H.

MINIX NEO U9-H is an ultra HD streaming media hub, offering unlimited entertainment possibilities based on Android™ multimedia OS, delivers flawless streaming with incredible 4K resolution resolution and 3D support and 3D Blu-ray™.

NEO U9-H supports the real reality of video and audio formats, ensuring cutting-edge technologies to deliver enhanced picture quality and surround sound for a true home theater experience.

More facts, features and user information can be found on the official MINIX forum: www.minix.com

Overview



Power Jack

USB 3.0 port

Kensington lock

OTG port

DC IN Power Jack

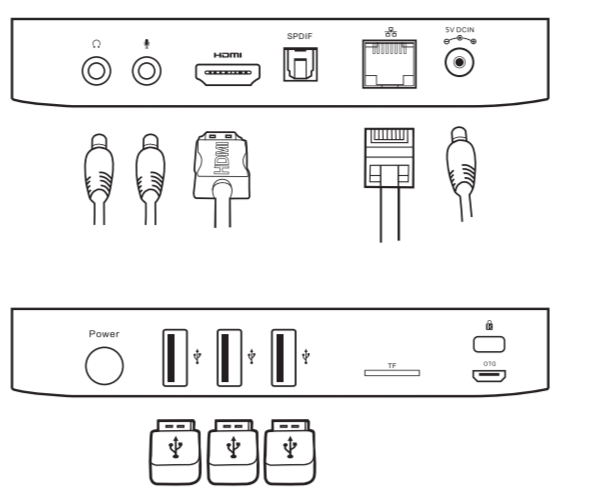
Optical audio port

Remote jack

Micro-USB port

Headphone jack

Overview



Power

Micro-USB

Headphone

Optical

DC IN

USB 3.0

OTG

Overview

IR Receiver: Compatible with Logitech Harmony

Power LED: The LED glows blue when the NEO U9-H is on, green when suspended.

Power button: To power on the NEO U9-H, press and hold the power button for 12 seconds with the power LED glow. To power off the NEO U9-H, press and hold the power button and the display will dim out. The power off option, select OK to confirm your choice. Alternatively, hold the power button for 8 seconds to force power off. (This may also power on/off the device using the hydro red remote controller.)

TF card slot: Increase the storage size or read files directly from a TF card, support up to 32GB max.

Recovery button: The recovery button is to be used together with the OTG port when connecting to a PC for general-purpose upgrade purposes.

Headphone Jack: Connect to an external audio output devices such as earphone, etc...

Overview

Microphone Jack: Connect to a microphone for voice input.

Ethernet Jack: Connect the Ethernet cables for internet access. If you need advanced settings such as IPTV, go into the settings page of "Settings" > "Network", while connected with the Ethernet cable. The NEO U9-H can be used as a router and also a Wi-Fi hotspot. If you need to use the Wi-Fi hotspot feature, please make sure that the Wi-Fi feature is OFF before you enable the Wi-Fi hotspot service at "Settings" > "Network".

DC IN Power In Jack: Connect the TV power adapter supplied in the package to the port. The NEO U9-H requires less than 1A to operate, however the included power adapter provides 2A, in consideration that you may require extra to connect other power-consuming external devices such as external hard drive.

USB 3.0 Ports: Connect an external USB device to the NEO U9-H such as USB flash drive, receiver of wireless keyboard and mouse, USB wired mouse, receiver of wireless headset. MINIX branded car mouse / game mouse etc...

Overview

HDMI port: Connect the NEO U9-H to the HDMI port of a high-definition TV or PC monitor using an HDMI cable.

Optical Audio Port: Connect to the optical audio input of an external sound processing unit, such as an amplifier.

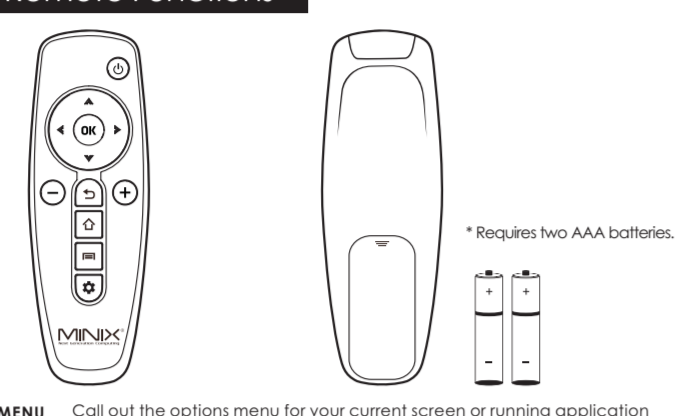
OTG Port: Connect the micro end of the Micro-USB cable to this port and the other end to the computer for synchronization and retrieval upgrade purposes. The port also serves as an on-the-go USB port while using with the Micro-USB OTG cable bundled in the package.

Control

Different Control Methods: You may control the NEO U9-H with the following input devices:

- 1) Wired mouse
- 2) 4-core USB wireless mouse and keyboard set.
- 3) 4-core USB air mouse / game mouse (MINIX branded mouse sold separately).
- 4) MINIX IR Remote (included).

IR Remote Functions



- ▶ **POWER:** Control the power on/off of your connected external device.
- ▶ **HOME:** Return to the home screen (choice of function reserved).
- ▶ **POWER:** Press and hold more than 8 seconds to turn on/off power (reserved).
- ▶ **BACK:** Return to the previous screen (waiting / connecting / activity).
- ▶ **VOLUME DOWN:** Adjust the system volume down.
- ▶ **VOLUME UP:** Adjust the system volume up.
- ▶ **UP:** Move cursor up.
- ▶ **DOWN:** Move cursor down.
- ▶ **LEFT:** Move cursor left.
- ▶ **RIGHT:** Move cursor right.
- ▶ **OK:** To confirm applicable action, or as an "Enter" key.
- ▶ **BT/MEDIA:** Control the basic settings menu.

Basic Setup

What you need:

High-Definition TV or PC monitor: That can display 720p, 1080p or 4K video with great one HDMI input.

HDMI Cable: To connect the NEO U9-H to your TV (HDMI cable included).

Wireless Network: A wired network cable or an IEEE 802.11ac Wi-Fi wireless network, your wireless network name and password.

Software and account: To play content (videos, photos, music) from a smartphone or PC on the NEO U9-H you will need:

- A UPnP/DLNA software pre-installed on your smartphone or PC.
- A Google account to sign to Google Play Store to download the corresponding application (e.g. Youtube, Amazon, Amazon Music) necessary for streaming the content from a smartphone or PC.
- Other account may be required for full access to some internet contents.

Basic Setup

The MINIX NEO U9-H connect to your TV or PC monitor through an HDMI port that delivers both audio and video. Before you setup the NEO U9-H, look at the port on the back of your TV or PC monitor to ensure you have the right cable: HDMI cable. To connect the NEO U9-H to a HDTV or home theater receiver that has an HDMI port, 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 U9-H.

Step 2. Connecting the power

Connect the TV power adapter supplied in the package to the rear of port. Press and hold the power button for 2-3 seconds to power on the NEO U9-H. The Back power LED should then glow. You may also use the included recharge remote to power up the device.

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

Simply turn on your TV / PC monitor and select the corresponding HDMI port connected to the NEO U9-H.

Basic Setup

Language Setup

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

Launcher Home Screen > Settings > Language

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

Time Zone Setup

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

Launcher Home Screen > Settings > Date & Time > Select Time Zone

Choose your time zone and confirm.

Wi-Fi Setup (Basic)

To connect to your wireless network, follow these steps:

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

To see available networks, turn Wi-Fi on.

Wi-Fi will turn on and automatically scan the wireless networks available. Then select the wireless network that you wish to connect to and confirm. Tap the password of the Wi-Fi network when the virtual keyboard prompts. Press the "Connect" button.

Google Play Store

Sign in to your Google Account.

Launch the Google Play Store by the following steps:

Launcher Home Screen > All apps > Google Play Store, select and confirm.

To use the Google Play Store you will need a Google Account. If you already have a Google Account, select "Sign in" and sign in 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. Alternatively, if you cannot find the application you need on the Google Play Store because of language restriction, location restriction or other reasons, you may also try to download the application files in the form of "apk" from the internet and install them through the "ApkInstaller", which is pre-installed in the system.

Kodi

Kodi is a media player that allows users to play and view most videos, music, such as podcasts from the internet, and of common digital media files from local and network storage media.

For more information and instructions regarding Kodi please visit: <http://kodi.tv/wiki>

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For online help and support, please visit www.minix.com, or join our Facebook fanpage at: www.facebook.com/minix

CE FCC RoHS

Note: The 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. The equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause 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:

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

FCC Warning:
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. The 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:

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

To comply with FCC RF exposure compliance requirements, this grant is applicable to any mobile configuration. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

