MINIX
Next Generation Computing

NEO X8-H

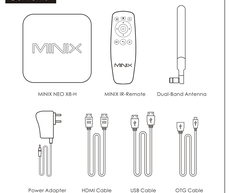
Quad Core Media Hub for Android™

Multi-Language Setup Guide
English/Deutsch/中文

Specifications

Processor	Quad-Core Cortex A9r4 Processor
GPU	Octa Core Mali-450 GPU
System Memory	2GB DDR3
Storage	16GB eMMC - SD/MMC Card Reader
OS	Android™ 4.4 OS (KitKat)
Connectivity	802.11n Dual-Band Wi-Fi (2.4GHz/5.8Ghz), Ethernet, Bluetooth 4.0
External Antenna	Dual-Band Antenna
USB	3 x USB 2.0 Ports, 1 x Micro-USB OTG port
Video Output	HDMI™ 1.4b, up to 4K @ 30fps
Audio Output	Via HDMI™ 1.4b, 3.5mm stereo jack, optical SPDIF
Supported Video Format	DAT/MPEG/MPE/MPG/TS/TP/VOB/ISO/AVI/MP4/MOV/3GP/FLV/MKV/M2TS/MTS/M4V/WMV/ASF/RM/RMVB
Supported Audio Format	MP2/MP3/WMA/WAV/OGG/OGA /FLAC/ALAC/APE/AAC
Misc.	IR Remote Control
Dimensions	128x128x20mm

Contents



Thank you for purchasing the MINIX NEO X8-H.

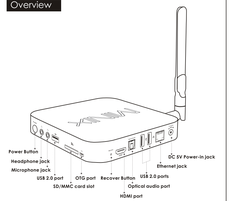
Follow this guide to setup your device.

MINIX NEO X8-H is a revolutionary smart media hub based on a ARM Cortex-A9r4 processor with Mali-450 GPU and Android 4.4 OS (KitKat). Sign into the Google Play Store to download your favourite applications and install them directly onto the MINIX NEO X8-H.

YouTube, Internet radio and lots of other applications are all readily available on the Google Play Store. Alternatively, you can download applications through third-party stores or install .apk files directly with the preloaded Appinstaller.

MINIX NEO X8-H comes with Ethernet and Wi-Fi connection; you can connect many of your devices in the same network and share content amongst them, such as videos, music and photos.

Overview



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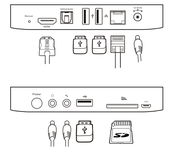

IR Receiver - Use with the included MINIX IR-Remote to control the NEO X8-H.

Power LED - The LED glows blue when the NEO X8-H is on.

Power button - To power on the NEO X8-H, press and hold the power button for 1-2 seconds until the power LED glows. To power off the NEO X8-H, press and hold the power button and the display will prompt out the power off options, select OK to confirm your choice. Alternatively, hold the power button for 8 seconds to force power off.

SD/MMC card slot - Increase the storage size or read files directly from a SD/MMC card, supports up to 64GB max.

Recovery button - The recovery button is to be used together with the OTG port when connecting to a PC for service/manual upgrade purposes. Manual upgrade instructions can be found at : www.minix.com.hk

Earphone Jack - Connect to an external audio output device such as earphones etc...

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Microphone Jack - Connect to a microphone for voice input.

Ethernet Jack - Connect the Ethernet cable for internet access. If you need advanced settings such as VPN, go into the settings page at: "Settings" -> "More..."., While connected with the Ethernet cable, the NEO X8-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" -> "More".

DC 5V Power-in Jack - Connect the 5V power adapter supplied in the package to this port. The NEO X8-H requires less than 1A to operate, however the included power adapter provides 3A, in consideration that you may require extra to connect other power-drawing external devices such as an external hard drive.

USB 2.0 Ports - Connect an external USB device to the NEO X8-H, such as USB flash drive, reciever of wireless keyboard and mouse, USB wired mouse, reciever of wireless headset, MINIX branded air-mouse / gyro-mouse etc....

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HDMI port - Connect the NEO X8-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 manual upgrade purposes. This port also serves as an extra USB port while using with the Micro-USB OTG cable bundled in the package.

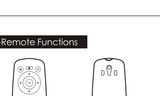
Control

Different Control Methods - You may control the NEO X8-H with the following input devices:

1.) Remote Control App, for Android smartphones and tablets, more information can be found at www.minix.com.hk
2.) Wired mouse;
3.) 2.4GHz USB wireless mouse and keyboard set;
4.) 2.4GHz USB air-mouse / gyro-mouse (MINIX branded mouses sold separately);
5.) MINIX IR-Remote (included).

Using the MINIX IR-Remote - Use the MINIX IR-Remote to control the NEO X8 settings and navigate your content. Make sure there are no obstructions between the MINIX IR-Remote and the NEO X8-H.

IR-Remote Functions



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	OK	To confirm a particular action, and as an "Enter"key

Basic Setup

What you need:

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

HDMI Cable - To connect the NEO X8-H to your TV (HDMI cable included).

Wireless Network - A wired network cable or an 802.11 a, b, g, or n Wi-Fi wireless network (wireless video streaming requires 802.11 g or n), your wireless network name and password.

Software and accounts - To play content (videos, photos, music) from a smartphone or PC on the NEO X8-H you will need:

- A UPnP/DLNA software pre-loaded on your smartphone or PC;
- A Google account to sign in to Google Play Store to download the corresponding applications (e.g. iMediaShare, eHomeMediacenter) neccessary for streaming the content from a smartphone or PC..
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Basic Setup

The MINIX NEO X8-H connects to your TV or PC monitor through an HDMI port that delivers both audio and video. Before you setup the NEO X8-H, look at the ports on the side/back of your TV or PC monitor to ensure you have the right cable:
- HDMI cable; You can connect the NEO X8-H to a HDTV or home theater receiver that has a 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.
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Step 2: Connecting the power
- Connect the 5V power adapter supplied in the package to the relevant port. Press and hold the power button for 2-3 seconds to power on the NEO X8-H, the blue power LED should then glow.

Step 3: Turn on your TV / PC monitor and select the input
- Simply turn on your TV or PC monitor and select the corresponding HDMI port connected to the NEO X8-H.

Basic Setup

Language Setup
You may choose the desired system language by following these steps:
Launcher Home Screen > Settings > Language & Input > 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:
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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. key-in the password of the Wi-Fi network when the virtual keyboard prompts, finally hit the "Connect" button.

Google Play Store

Sign-in to your Google Account.
Launch the Google Play Store by the following steps:
Launcher Home Screen > 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 login 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 look for and download the application files in the form of ".apk" from the internet and install them through the "Apkinstaller", which is pre-loaded in the system.

XBMC

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

The NEO X8-H comes pre-installed with XBMC MINIX Edition, with full hardware decoding support. This exclusive edition delivers the optimum XBMC experience on Android.

For more information and instructions regarding setup
please visit: www.wiki.xbmc.org

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The content of this guide may differ in some details from the product or its software. All information in this documentation is subject to change without notice.

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

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.
- Consult the dealer or an experienced radio/TV technician for help. Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

NEO X8-H

Benutzerhandbuch

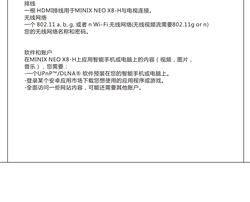
Vielen Dank für Ihren Kauf des MINIX NEO X8-H.

Bitte folgen Sie dieser Anleitung zur Einrichtung Ihres Geräts.

Der MINIX NEO X8-H ist ein revolutionärer Smart Media Hub, basierend auf einem ARM Cortex-A9r4 Prozessor mit der Mali 450 GPU und dem aktuellen Android Betriebssystem. Nach Anmeldung im Google Play Store können Sie Ihre Lieblings-Apps herunterladen und direkt auf dem NEO X8-H installieren.
YouTube, Internet Radio und zahlreiche andere Apps stehen im Google Play Store zur Verfügung. Alternativ können Sie auch Apps von Drittanbietern herunterladen und mit dem vorinstallierten Appinstaller installieren.

Der X8 ist ausgestattet mit Ethernet- Bluetooth und Wi-Fi Verbindung; Sie können das Gerät mit vielen an Ihrem Netzwerk angeschlossenen Geräten verbinden und deren Inhalte teilen, z.B. Videos, Musik und Fotos.

Verbinden



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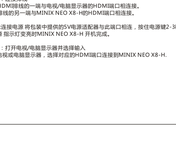

Verbinden

IR Empfänger
Hiermit verbindet sich die mitgelieferte MINIX Fernbedienung für die Bedienung des MINIX NEO X8-H.

Power LED
Die LED leuchtet bei eingeschaltetem MINIX NEO X8-H.

EIN/AUS Schalter
Um den MINIX NEO X8-H einzuschalten, drücken Sie für 1-2 Sekunden den EIN/AUS Schalter, bis die Power LED leuchtet. Um den MINIX NEO X8-H auszuschalten, drücken Sie den EIN/AUS Schalter, bis Sie über das Display aufgefordert werden, dies zu bestätigen. Bestätigen Sie dies nun ODER halten Sie den EIN/AUS Schalter für 8 Sekunden gedrückt, um das Ausschalten zu erzwingen, bis die LED erlischt.

Kopfhörer Anschluss
Verbinden Sie ein externes Audiogerät, z.B. Kopfhörer oder Lautsprecher.

Mikrofon Anschluss
Verbinden Sie ein Mikrofon an diesem Eingang, z.B. für Spracheingabe.

SD/MMC Karten Steckplatz
Erweitern Sie den Speicherplatz oder greifen Sie auf Dateien auf einer SD/MMC Speicherkarte zu, unterstützt werden Karten bis max. 64GB.

Verbinden

OTG Port
Verbinden Sie den Micro-USB Stecker des Micro-USB Kabels mit dem OTG Port des NEO X8-H und das andere Ende mit dem USB Anschluss Ihres Computers für die Synchronisation und zum Zweck von Upgrades. Dieser Port dient auch als weiterer USB Port in Verbindung mit dem mitgelieferten Micro-USB OTG Kabel.

Recover / Wiederherstellungstaste
Diese Taste wird zusammen mit dem OTG Port für Service/Upgrade-zwecke benötigt. Schalten Sie den über den OTG Port mit dem PC verbundenen NEO X8-H ein, während Sie die "RECOVER" Taste gedrückt halten, bis der NEO X8-H startet.

HDMI Anschluss
Verbinden Sie den MINIX NEO X8-H mit dem HDMI Port eines HD-fähigen TV Geräts oder Monitors mittels eines HDMI Kabels.

Optischer Audio Anschluss
Verbinden Sie diesen Ausgang mit dem optischen Audio Eingang eines externen Wiedergabegerätes, z.B. eines Verstärkers.

USB 2.0 Ports
Verbinden Sie externe USB Geräte mit dem MINIX NEO X8-H, wie USB-Speichersticks, Empfänger für kabellose Tastatur und Maus, USB Maus, Empfänger von kabellosen Kopfhörern, etc ...

Verbinden

Ethernet Anschluss
Alternativ zum Wi-Fi Anschluss können Sie diesen LAN Anschluss mit Ihrem Netzwerk per LAN-Kabel für den Zugang zum Internet verbinden.
Für erweiterte Einstellungen, wie etwa VPN, navigieren Sie zu den Einstellungen bei Einstellungen -> Mehr...
Während der MINIX NEO X8-H per LAN Kabel mit dem Internet verbunden ist, kann der NEO X8-H als Router und als Wi-Fi Hotspot genutzt werden. Wenn Sie die Wi-Fi Hotspot Eigenschaft nutzen möchten, muss der Wi-Fi Empfang des NEO X8-H AUSGESCHALTET sein, bevor Sie den Wi-Fi Hotspot bei Einstellungen -> Mehr... einrichten.

Eingang Netzteilkabel
Verbinden Sie das im Lieferumfang enthaltene 5V Netzteil mit diesem Eingang. Der MINIX NEO X8-H benötigt selbst weniger als 1A, dennoch haben wir ein bis 3A ausgelegtes 5 Volt Netzteil beigefügt, um auch externe stromhungrige Geräte, wie z.B. Festplatten, mit genügend Power zu versorgen.

NEO X8-H

Quick Start Guide

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IR-Remote Functions

*Requires two AAA batteries.

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

IR Receiver - Use with the included MINIX IR-Remote to control the NEO X8-H.

Power LED - The LED glows blue when the NEO X8-H is on.

Power button - To power on the NEO X8-H, press and hold the power button for 1-2 seconds until the power LED glows. To power off the NEO X8-H, press and hold the power button and the display will prompt out the power off options, select OK to confirm your choice. Alternatively, hold the power button for 8 seconds to force power off.

SD/MMC card slot - Increase the storage size or read files directly from a SD/MMC card, supports up to 64GB max.

Recovery button - The recovery button is to be used together with the OTG port when connecting to a PC for service/manual upgrade purposes. Manual upgrade instructions can be found at : www.minix.com.hk

Earphone Jack - Connect to an external audio output device such as earphones etc...

Overview

Microphone Jack - Connect to a microphone for voice input.

Ethernet Jack - Connect the Ethernet cable for internet access. If you need advanced settings such as VPN, go into the settings page at: "Settings" -> "More...". While connected with the Ethernet cable, the NEO X8-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" -> "More".

DC 5V Power-in Jack - Connect the 5V power adapter supplied in the package to this port. The NEO X8-H requires less than 1A to operate, however the included power adapter provides 3A, in consideration that you may require extra to connect other power-drawing external devices such as an external hard drive.

USB 2.0 Ports - Connect an external USB device to the NEO X8-H, such as USB flash drive, reciever of wireless keyboard and mouse, USB wired mouse, reciever of wireless headset, MINIX branded air-mouse / gyro-mouse etc....

Overview

HDMI port - Connect the NEO X8-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 manual upgrade purposes. This port also serves as an extra USB port while using with the Micro-USB OTG cable bundled in the package.

Control

Different Control Methods - You may control the NEO X8-H with the following input devices:

1.) Remote Control App, for Android smartphones and tablets, more information can be found at www.minix.com.hk
2.) Wired mouse;
3.) 2.4GHz USB wireless mouse and keyboard set;
4.) 2.4GHz USB air-mouse / gyro-mouse (MINIX branded mouses sold separately);
5.) MINIX IR-Remote (included).

Using the MINIX IR-Remote - Use the MINIX IR-Remote to control the NEO X8 settings and navigate your content. Make sure there are no obstructions between the MINIX IR-Remote and the NEO X8-H.

IR-Remote Functions

*Requires two AAA batteries.

Ⓜ	**MENU**	Call out the options menu for your current screen or running application
⌂	**HOME**	Return to the Home Screen (choose of launcher required)
⏻	**POWER**	To wake up from or put the MINIX NEO X8-H into sleep mode
↩	**BACK**	Return to the previous screen running or cancelling an activity
🔉	**VOLUME DOWN**	Adjust the system volume down
🔊	**VOLUME UP**	Adjust the system volume up
▲	**UP**	Move upward
▶	**LEFT**	Move left
◀	**RIGHT**	Move right
▼	**DOWN**	Move downward
	OK	To confirm a particular action, and as an "Enter"key

Basic Setup

What you need:

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

HDMI Cable - To connect the NEO X8-H to your TV (HDMI cable included).

Wireless Network - A wired network cable or an 802.11 a, b, g, or n Wi-Fi wireless network (wireless video streaming requires 802.11 g or n), your wireless network name and password.

Software and accounts - To play content (videos, photos, music) from a smartphone or PC on the NEO X8-H you will need:

- A UPnP/DLNA software pre-loaded on your smartphone or PC;
- A Google account to sign in to Google Play Store to download the corresponding applications (e.g. iMediaShare, eHomeMediacenter) neccessary for streaming the content from a smartphone or PC..
- Other accounts may be required for full access to some internet contents.

Basic Setup

The MINIX NEO X8-H connects to your TV or PC monitor through an HDMI port that delivers both audio and video. Before you setup the NEO X8-H, look at the ports on the side/back of your TV or PC monitor to ensure you have the right cable:
- HDMI cable; You can connect the NEO X8-H to a HDTV or home theater receiver that has a 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 X8-H.

Step 2: Connecting the power
- Connect the 5V power adapter supplied in the package to the relevant port. Press and hold the power button for 2-3 seconds to power on the NEO X8-H, the blue power LED should then glow.

Step 3: Turn on your TV / PC monitor and select the input
- Simply turn on your TV or PC monitor and select the corresponding HDMI port connected to the NEO X8-H.

Basic Setup

Language Setup
You may choose the desired system language by following these steps:
Launcher Home Screen > Settings > Language & Input > 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. key-in the password of the Wi-Fi network when the virtual keyboard prompts, finally hit the "Connect" button.

Google Play Store

Sign-in to your Google Account.
Launch the Google Play Store by the following steps:
Launcher Home Screen > 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 login 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 look for and download the application files in the form of ".apk" from the internet and install them through the "Apkinstaller", which is pre-loaded in the system.

XBMC

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

The NEO X8-H comes pre-installed with XBMC MINIX Edition, with full hardware decoding support. This exclusive edition delivers the optimum XBMC experience on Android.

For more information and instructions regarding setup
please visit: www.wiki.xbmc.org

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The content of this guide may differ in some details from the product or its software. All information in this documentation is subject to change without notice.

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

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.
- Consult the dealer or an experienced radio/TV technician for help. Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

NEO X8-H

Quick Start Guide

Thank you for purchasing the MINIX NEO X8-H.

Please follow this guide to setup your device.

MINIX NEO X8-H is a revolutionary smart media hub based on a ARM Cortex-A9r4 processor with Mali-450 GPU and Android 4.4 OS (KitKat). Sign into the Google Play Store to download your favourite applications and install them directly onto the MINIX NEO X8-H.

YouTube, Internet radio and lots of other applications are all readily available on the Google Play Store. Alternatively, you can download applications through third-party stores or install .apk files directly with the preloaded Appinstaller.

MINIX NEO X8-H comes with Ethernet and Wi-Fi connection; you can connect many of your devices in the same network and share content amongst them, such as videos, music and photos.

Overview

Power Button
Headphone jack
Microphone jack
USB 2.0 port
SD/MMC card slot
OTG port
Recover Button
DC 5V Power-in jack
Ethernet jack
US