MINIX®
Next Generation Computing

NEO Z83-4 Max

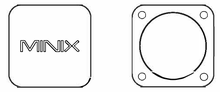
Fanless Mini PC
Windows 10 Pro (64-bit)
4GB DDR3L + 128GB eMMC 5.1
VESA Mount Included

Multi-Language Setup Guide
English/Deutsch

Specifications

Processor	Quad Core Intel X5 Z8350 (64-bit)
GPU	Intel HD Graphics
Memory	4GB DDR3L
Storage	128GB eMMC 5.1
Wireless Connectivity	802.11 Wi-Fi
Operating System	Windows 10 Pro (64-bit)
Video Output	HDMI™ 1.4, Mini DisplayPort
Audio Output	Via HDMI™ 1.4, 3.5mm stereo jack
Audio Input	3.5mm audio jack
Peripheral Interface	RJ-45 Gigabit Ethernet
	Micro SD card reader
	USB 2.0 port x 3, USB 3.0 port x 1
Power	DC 12V, 3A adapter (included)

Contents



MINIX NEO Z83-4 Max

VESA Mount

Antenna

Power Adapter (DC 12V, 3A)

HDMI Cable

Thank you for purchasing MINIX NEO Z83-4 Max.

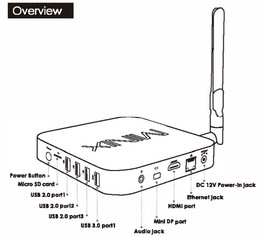
NEO Z83-4 Max is a cost-efficient, versatile fanless Mini PC designed for office operation and industrial application; an ideal Digital Signage, POS and Thin Client solution.

Pre-installed with Windows 10 Pro (64-bit) and matched with a vast array of connectivity options; NEO Z83-4 Max has the power to produce stunning visuals, support 4K video playback and streaming with responsive performance, straight out of the box.

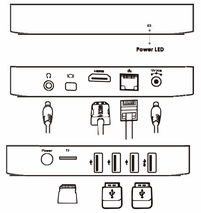
NEO Z83-4 Max can be easily mounted to a VESA compatible monitor, no tools are required for mounting once the included bracket has been installed.

More hints, tips and useful information can be found on the official MINIX Forum: www.theminiforum.com

Overview



Overview



Overview

Power LED - The LED glows blue when the NEO Z83-4 Max is on.

Power button - To power on the NEO Z83-4 Max, press and hold the power button for 1-2 seconds until the power LED glows. To power off the NEO Z83-4 Max, press and hold the power button for 8 seconds to force power off.

Micro SD card slot - Increase the storage size or read files directly from the card slot, supports up to 256GB max. The card slot is inverted by design; please ensure you insert your card the correct way round.

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

Overview

Ethernet Jack - Connect the Ethernet cable for Internet access.

DC 12V Power-in Jack - Connect the 12V power adapter supplied in the package to this port. The NEO Z83-4 Max 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 Ports - Connect an external USB device to the NEO Z83-4 Max, such as USB flash drive, reciever of wireless keyboard and mouse, USB wired mouse, receiver of wireless headset etc..

HDMI port - Connect the NEO Z83-4 Max to the HDMI port of a high-definition TV or PC monitor using included HDMI cable.

Control

Different Control Methods - You may control the NEO Z83-4 Max with the following input devices:

1.) Wired mouse and keyboard set
2.) 2.4GHz USB wireless mouse and keyboard set

Basic Setup

What you need:

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

HDMI Cable - To connect the NEO Z83-4 Max to your TV (HDMI cable included).

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

Basic Setup

MINIX NEO Z83-4 Max connects to your TV or PC monitor through a Mini DP or HDMI port that delivers both audio and video.

Step 1: Remove NEO Z83-4 Max from VESA mount
- Carefully pull back one of the corners and lift out the NEO Z83-4 Max.

Step 2 (If required): Place VESA mount bracket onto monitor.
1. Insert screws and secure.
2. Safely attach NEO Z83-4 Max in any direction.

Step 3: 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 Z83-4 Max.

Step 4: Connecting the power
- Connect the 12V power adapter supplied in the package to the relevant port. Press and hold the power button for 1-2 seconds to power on the NEO Z83-4 Max, the blue power LED should then glow.

Step 5: 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 Z83-4 Max.

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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.

FC CE RoHS

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 radiocommunications. 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.

RF Exposure Information
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body