

MINIX[®]
Next Generation Computing

NEO NGC-5

Ultra Compact Coffee Lake Mini PC
Intel i5-8279U CPU (up to 4.10GHz)
8GB DDR4 + 256GB M.2 NVMe SSD



English User Guide

8th GEN INTEL CORE i5 MINI PC WITH WINDOWS 10 PRO (64-bit)
PRE-INSTALLED

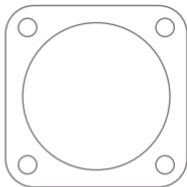
MINIX NGC-5 Specifications

Processor	Intel Core i5-8279U (up to 4.10 GHz)
GPU	Intel Iris Plus Graphics 655
Memory	8GB DDR4 (upgradeable to 32GB)
Memory Slot	2 x SODIMM slot, support dual channel
Storage	256GB M.2 NVMe SSD (upgradeable to 2TB)
Storage Expansion	1 x 2280 M.2 slot (NVMe)
Wireless Connectivity	802.11ac Dual-Band Wi-Fi, Bluetooth 4.2
Operating System	Windows 10 Pro (64-bit)
Video Output	HDMI™ 2.0 (4K @ 60Hz), DisplayPort 1.2 (4K @ 60Hz), USB-C (4K @ 60Hz)
Digital Audio Output	HDMI™ 2.0a, DisplayPort 1.2, Optical S/PDIF
Analog Audio Output	3.5mm audio jack
Audio Input	3.5mm audio jack
Peripheral Interface	2 x Gigabit Ethernet port, 1 x Micro SD card reader, 4 x USB 3.1 port, 1 x Nano SIM card slot, 1 x RS232 COM port, 1 x COM pin on board, Kensington Lock ready, VESA mount
Power	DC 19V, 4.74A adapter

Contents



MINIX NGC-5



VESA Mount



19V (4.74A)
Power Adapter



HDMI Cable



2 x Dual-Band
Antenna

Overview

Thank you for purchasing MINIX NGC-5.

MINIX NGC-5 delivers the power and versatility you need with 8th Gen Intel Core i5 processor, lightning-fast 256GB M.2 NVMe SSD, ultra-responsive 8GB DDR4 RAM and Windows 10 Pro OS (64-bit) pre-installed.

With triple display support, best in class connectivity and intelligent performance, MINIX NGC-5 makes it easier to get things done. It's ideal for digital signage, interactive digital kiosks, enterprise solutions, or as a replacement for your home or office desktop PC.

Its small footprint and included VESA mount mean MINIX NGC-5 can be easily positioned almost anywhere and its robust design allows for sustained 24/7 operation.

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

Overview

Power LED - The LED glows blue when MINIX NGC-5 is on.

Power Button - To power on MINIX NGC-5, press and hold the power button for 1-2 seconds until the power LED glows. To power off MINIX NGC-5, press and hold the power button for 8 seconds.

3.5mm Audio Jack + S/PDIF Port - Connect an external audio input/output device such as microphone or AV receiver etc. MINIX NGC-5 supports up to 5.1 surround audio.

2 x Gigabit Ethernet Port - Connect an Ethernet cable for wired internet access up to 1000Mbps.

DC 19V Power-in Jack - Connect the included 19V power adapter.

Micro SD Card Reader - Supports Micro SD cards up to 512GB storage capacity.

Overview

USB 3.1 Ports - Connect an external USB device to MINIX NGC-5 such as webcam, wired mouse or external hard drive.

HDMI Port - Connect MINIX NGC-5 via HDMI to a TV or PC monitor using included HDMI cable.

DisplayPort - Connect MINIX NGC-5 via DisplayPort to a PC monitor.

USB-C Port - Connect MINIX NGC-5 via USB-C to a PC monitor. Please note, the USB-C port only supports video output, not audio output. The USB-C port does not support '*hot plugging*', a USB-C cable or adapter should only be connected/disconnected when MINIX NGC-5 is powered off.

Control

You may control MINIX NGC-5 via one of the following input methods:

1. Wired mouse and keyboard
2. Wireless/Bluetooth mouse and keyboard

We recommend using MINIX NEO W2.

Basic Setup

MINIX NGC-5 connects to your TV or PC monitor via either HDMI, DisplayPort or USB-C port.

HDMI and DisplayPort support both audio and video, USB-C only supports video output.

Step 1 (if required): Place VESA mount bracket onto monitor.

1. Insert screws and secure.
2. Safely attach MINIX NGC-5 in any direction.

Step 2: Connect the HDMI cable.

Connect one end of the HDMI cable to the HDMI port on your TV or PC monitor, and the other end to the HDMI port on MINIX NGC-5.

HDMI, DisplayPort and USB-C ports may be used separately or simultaneously; MINIX NGC-5 supports up to 3 displays.

Basic Setup

Step 3: Connect to power supply.

Connect the 19V power adapter supplied in the package to MINIX NGC-5.

Step 4: Power on.

Press and hold the power button for 1-2 seconds to power on MINIX NGC-5, the blue power LED should then glow.

Step 5: Turn on TV/PC monitor and select the input.

Simply turn on your TV or PC monitor, and select the corresponding port connected to the MINIX NGC-5.

USB-C Notes

ASUS MX27U and LG 27UD88 monitors are fully compatible with MINIX NGC-5, a full list of compatible USB-C equipped monitors can be found on the MINIX Forum – www.theminixforum.com.

MINIX NGC-5 is fully compatible with our range of USB-C accessories, including USB-C to USB-C cable [NEO C-MUC] and USB-C to 4K @ 60Hz HDMI cable [NEO C-4K].

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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.



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.

Contact Us

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