

Μίνι υπολογιστής Minix Barebone Core 3 N300

Minix · EAN 4895274400351

Machine translation from Polski. In case of doubt the manufacturer's original document prevails.

NEO Z300-0dB

INTEL MINI PC

User Manual

Intel® Core™ i3-N300

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. Specification

Processor Intel(R) Core(TM) i3-N350 processor up to 3.90 GHz

Graphics processor Intel® UHD Graphics

RAM 0GB DDR4 (SO-DIMM)

Memory slot 1 x DDR4 SO-DIMM (up to 32GB)

Disk 0GB M.2 2280 PCIe 3.0 x 4 NVMe SSD

Disk slot 1 x M.2 2280 PCIe 3.0 x 4 NVMe Slot (up to 2TB)

Ethernet 1 x RJ-45 2.5G Ethernet

Connectivity 802.11AX Dual Band Wi-Fi 6 (2.4GHz/5GHz),
BT 5.2

Operating system N / A

Video output 2 x HDMI® 2.1 TMDS (4K@60Hz)

Audio 3.5mm Audio Output Combo Jack

USB ports 1 x USB-C 3.2 Gen 2, 2 x USB-A 3.2 Gen 2,
2 x USB-A 2.0

Power 12V/4A DC (Intel® Core™ i3-N300)

Contents

MINIX NEO VESA Mount

Z300-0dB

Power supply 2 x Antenna HDMI® Cable

12V/3A

Control

You can control the NEO Z300-0dB using one of the following input methods:

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

Operating temperature: 0°C -50°C @ 5~85% RH

Storage temperature: -20°C -70°C

Operating humidity: 10%-95% RH @ 40°C/104°F, non-condensing. Transmission frequency range:

2.402GHz ~ 2.483GHz 13dBm,

5.170GHz ~ 5.835GHz 16dBm

Configuration

NEO Z300-0dB connects to a TV or

PC monitor via HDMI®/DP/USB-C ports. Step 1 (if necessary): Place the VESA mount on the monitor. 1. Screw in the screws and secure. 2. Securely mount the NEO Z300-0dB in any direction. Step 2: Connect the HDMI®/DP/USB-C cable. Connect one end of the HDMI®/DP/USB-C cable to the

HDMI®/DP/USB-C port on the TV or computer monitor,

and the other end to the HDMI®/DP/USB-C port on the NEO

Z300-0dB. HDMI®, DP, and USB-C ports can be used separately or simultaneously, allowing the NEO Z300-0dB

to support up to 3 displays, all at a resolution of

4K@60Hz. Basic Setup

Step 3: Connect the power. Connect the included 12 V power supply to

the NEO Z300-0dB device. Step 4: Turn on the power. Press and hold the power button for 1-2 seconds,

to turn on the NEO Z300-0dB device. The

power LED should then light up. Step 5: Turn on the TV/computer monitor and select

the input. Simply turn on the TV or computer monitor and

select the appropriate port connected to the

NEO Z300-0dB device. Copyright© 2023 MINIX Technology Limited. All rights

reserved. No part of this guide, including the products and

software described herein, may be reproduced, transmitted, transcribed,

stored in a retrieval system or translated into

any language in any form or by any means, except for documentation

retained by the purchaser for archival purposes, without

the express written consent of MINIX Technology Limited. MINIX and the MINIX logo are trademarks of MINIX Technology Limited. All other names and trademarks are the property of their respective owners. The content of this guide may differ in some details from the product or its software. All information contained in this documentation is subject to

change without notice. This packaging is not a toy. To avoid the risk of suffocation, keep this packaging away from infants and children. Do not use this packaging in cribs, beds, strollers or playpens. Contact

Website: www.minix.com.hk

Forum: www.theminixforum.com

Facebook: www.facebook.com/minixtechnology

E-MAIL: support@minix.com.hk

MINIX Technology Limited

FLAT/RM 01, 15/F, Chevalier Commercial Center, No.8 Wang Hoi

Road, Kowloon Bay, Kowloon, Hong Kong

Robert Reichenbach

Berntweg 17

12353 Berlin, Germany

E-mail: info@minix-shop.eu

R 003-180232

5.15-5.35 GHz: Indoor use only

T D180131003

This document is a translation of the original user manual created by the manufacturer.

Detailed information about the distributor's / manufacturer's warranty conditions is available on the website <https://>

serwis.innpro.pl/gwarancja

The product should be regularly maintained (cleaned) by the user or through specialized service points

at the user's cost and responsibility. In the absence of information about necessary periodic maintenance or service actions in the user manual, the user should regularly, at least once a week, assess the deviation of the physical condition

of the product from a physically new product. If any deviation is detected or identified,

urgent maintenance (cleaning) or service steps should be taken. Failure to properly maintain

(clean) and respond upon detecting a state of deviation may lead to permanent damage to the product. The warranty does not cover damages resulting from neglect.

Warnings and safety information

All information regarding the use of the product can be found in the user manual. Before you start using it, familiarize yourself with its content and follow the guidelines contained within.

Before use, also review the following information:

Usage warnings

Risk of product damage:

- Connect routers, switches, and other network devices only to outlets with the correct voltage and current intensity, in accordance with the manufacturer's recommendations.
- Avoid placing devices in tight spaces without adequate ventilation – overheating may lead to failure.
- Always use appropriate network cables (e.g., RJ45 compliant with CAT5E, CAT6 standards).

Connecting low-quality cables may affect connection stability.

- Protect devices from moisture and water. In case of contact with liquid, immediately disconnect the device from power and contact the manufacturer's service.
- Avoid overloading connected accessories (e.g., RJ45 plugs, USB adapters) by using compliant devices and cables.
- Protect delicate components, such as plug covers or keystone jacks, from mechanical damage – breaking them may result in connectivity issues.
- When handling network cables and connectors, avoid pulling them at an angle – always disconnect them straight to prevent pin damage or connector distortion.
- Do not use thermal paste in excessive amounts – application according to the manufacturer's recommendations minimizes the risk of short circuits and overheating of components.

Network safety hazards:

- Secure access to the Wi-Fi network by using a strong password and encryption (WPA2/WPA3). Lack of appropriate security may lead to unauthorized access to the network.
- Regularly update the firmware of routers and switches to protect the network from external threats.

Compatibility risks:

- Before purchasing, ensure that accessories are compatible with your equipment (e.g., type of plugs, network standards, or dimensions).
- For USB switches or Wi-Fi devices, always check their maximum throughput to avoid

reducing the performance of the network or devices.

Child safety hazards:

- Small components, such as modular RJ45 plugs or plug covers, may pose a choking hazard to children. Store accessories in a place inaccessible to children.
- Thermal paste and other chemical materials should be stored out of reach of children – they are not intended for use without adult supervision.

Environmental hazards:

- All products in this category, including routers, switches, and network accessories, must be disposed of at special e-waste collection points, following local waste management regulations. Proper disposal helps protect the environment from pollution.

Information on proper usage

Recommendations for use:

- When installing RJ45 cable plug covers, ensure they are correctly matched to the type of cable – this will prevent damage to both the cable and the cover.
- When using USB switches or LAN switches, ensure the device has adequate ventilation and is not covered.
- Install modular RJ45 plugs using dedicated crimping tools – this will ensure the durability of the connection and prevent internal damage.
- When applying thermal paste, ensure that the surfaces of the processor and heatsink are clean and degreased.

Maintenance and storage:

- Regularly clean devices such as routers and switches with a soft, dry cloth to remove dust from ventilation and ports.
- Store chemical elements, such as thermal paste, in a dry and cool place, in their original packaging.
- Store network cables and connectors in dedicated organizers to avoid tangling of wires and damage to plugs.

Additional precautions

User customization:

- Choose accessories suitable for your needs – e.g., switches with the appropriate number of ports, modular plugs in CAT5E/CAT6 standards, or compatible plug covers.
- If using accessories in an office, select products with increased durability, such as reinforced keystone jack sockets.

Damage and service:

- In case of mechanical damage, such as broken plugs, damaged sockets, or excessive

heating of devices, immediately cease usage.

- Do not attempt to repair damaged accessories yourself – contact the manufacturer's authorized service.
- Replace all damaged cables and accessories with original parts recommended by the manufacturer.

Declaration of Conformity

The products have been designed in accordance with the safety requirements specified in Regulation (EU) 2023/988. They meet the relevant technical standards, including those concerning user safety, electromagnetic compatibility, and environmental protection.

SIMPLIFIED EU DECLARATION OF CONFORMITY

MINIX Technology Ltd. hereby declares that the type of radio device Mini PC Minix Barebone Core 3 N350 is compliant with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following website: <https://files.innpro.pl/minix>

Manufacturer's address: Unit 01, 15/F, Chevalier Commercial Center,
No.8 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong

Radio frequency: 2.4Ghz (2400Mhz - 2483.5Mhz), 5Ghz (5150-5350Mhz - 5470-5725Mhz)

Maximum radio frequency power: <20dBm

Environmental Protection

Waste electrical and electronic equipment marked in accordance with the European Union directive must not be disposed of together with other municipal waste. It is subject to selective collection and recycling at designated points. By ensuring its proper disposal, you prevent potential negative consequences for the natural environment and human health. The waste equipment collection system complies with locally applicable environmental protection regulations regarding waste disposal. Detailed information on this matter can be obtained from the municipal office, waste management facility, or the store where the product was purchased. The product meets the requirements of the so-called New Approach directives of the European Union (EU) concerning issues related to user safety, health protection, and environmental protection, identifying hazards that should be detected and eliminated. Importer:

INNPRO Robert Błędowski sp. z o.o. Rudzka 65c
44-200 Rybnik, Poland
tel. +48 533 234 303
hurt@innpro.pl

www.innpro.pl

Representative in the EU:

MINIX PC SHOP.EU

Berntweg 17

12353 Berlin, Germany

info@minix-shop.eu