MINIX®

Next Generation Computing

NEO Z150-0dB/Z350-0dB

INTEL MINI PC

WINDOWS 11 Pro (64-bit)

User Manual

Intel® Processor N150
Intel® Core™ i3-N350

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

intel. INSIDE™

The tterms HDMI, HDMI High-Definittion Multtimedia Intterface, HDMI Trade dress and tthe HDMI ogos are ttrademarks or registtered ttrademarks of HDMI Licensing Administtrattor, Inc.

Specifications

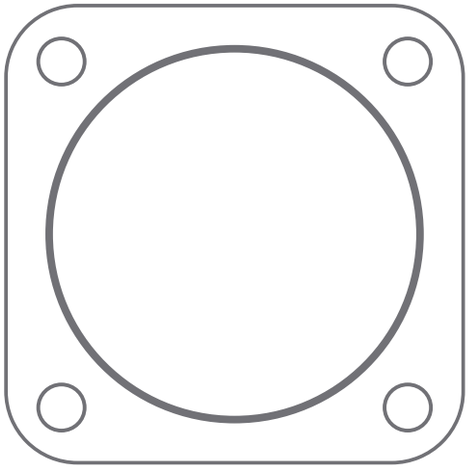
PL

Processor	Intel® Processor N150, 6M Cache, up to 3.60 GHz Intel® Core™ i3-N350, 6M Cache, up to 3.90 GHz
Graphics Processor	Intel® UHD Graphics
RAM Memory	8/16GB DDR4-3200MHz (SO-DIMM)
Memory Slot	1 x DDR4 SO-DIMM (up to 32GB)
Storage Drive	256/512GB M.2 2280 PCIe 3.0 x 4 NVMe SSD
Drive Slot	1 x M.2 2280 PCIe 3.0 x4 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	Windows 11 Pro
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 Supply	12V/3A DC (Intel® Processor N150) 12V/4A DC (Intel® Core™ i3-N350)

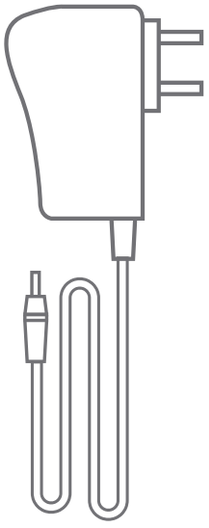
Contents



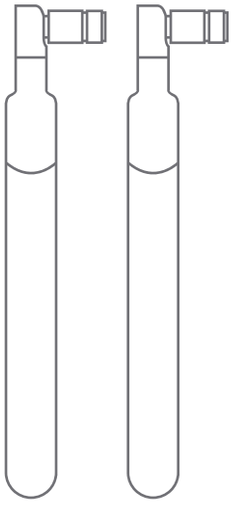
MINIX NEO
Z150-0dB/Z350-0dB



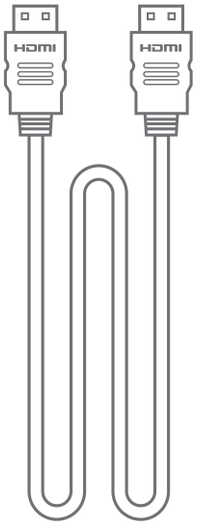
VESA Mount



Power Adapter
12V/3A



2 x Antenna



HDMI® Cable

Control

You can control the NEO Z150-0dB/Z350-0dB 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

The NEO Z150-0dB/Z350-0dB connects to a TV or PC monitor via HDMI®, DP, or USB-C ports.

Step 1 (if necessary): Attach the VESA mounting bracket to the monitor.

1. Insert and tighten the screws to secure.
2. Securely mount the NEO Z150-0dB/Z350-0dB in any orientation.

Step 2: Connect the HDMI®, DP, or USB-C cable.

Connect one end of the HDMI®, DP, or USB-C cable to the HDMI®, DP, or USB-C port on the TV or PC monitor, and the other end to the HDMI®, DP, or USB-C port on the NEO Z150-0dB/Z350-0dB.

The HDMI®, DP, and USB-C ports can be used individually or simultaneously, allowing the NEO Z150-0dB/Z350-0dB to support up to three displays, all at 4K@60Hz resolution.

Configuration

Step 3: Connect the power supply.

Connect the 12 V power adapter provided with the kit to the NEO Z150-0dB/Z350-0dB device.

Step 4: Turn on the power.

Press and hold the power button for 1 to 2 seconds to turn on the NEO Z150-0dB/Z350-0dB device. The power LED should then illuminate.

Step 5: Turn on the TV or computer monitor and select the input.

Simply turn on the TV or computer monitor and select the appropriate port connected to the NEO Z150-0dB/Z350-0dB 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 kept 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 marks and trademarks are the property of their respective owners.
The content of this guide may differ in certain 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

EC REP
Robert Reichenbach Berntweg 17, 12
353 Berlin,
Germany E-mail: info@
minix-shop.eu

Der Grüne Punkt
Wir beteiligen uns am Verpackungsrecycling
Duales System Deutschland GmbH

FR
Cet appareil et sa batterie se recyclent
À DÉPOSER EN MAGASIN
OU
À DÉPOSER EN DÉCHÈTERIE
Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

FR
BARQUETTE + ÉTUI
BAC DE TRI

PS E

RoHS COMPLIANT

003-180232
5.15-5.35 GHz: Indoor use only
D180131003

Warnings and Safety Information
All information regarding product usage is provided in the user manual. Before using the product, please read the manual carefully and follow the instructions provided. Before use, please also read the following information: Usage Warnings

●Connect routers, switches, and other network devices only to outlets with the correct voltage and current, in accordance with the manufacturer's specifications.
●Avoid placing devices in cramped spaces without proper ventilation – overheating may cause malfunctions.
●Always use suitable network cables (e.g., RJ45 cables compliant with CAT5E, CAT6 standards). Using low-quality cables may affect connection stability.
●Protect devices from moisture and water. In the event of contact with liquid, immediately disconnect the device from the power supply and contact the manufacturer’s service center.
● Avoid excessive load on connected accessories (e.g., RJ45 plugs, USB adapters) by using devices and cables that comply with applicable standards.
● Protect delicate components, such as plug covers or keystone jacks, from mechanical damage – breakage may result in connectivity problems.
● For network cables and connectors, avoid pulling them at an angle – always disconnect them in a straight line to prevent damage to pins or deformation of connectors.
●Do not use thermal paste excessively – applying it according to the manufacturer's recommendations minimizes the risk of short circuits and component overheating.
Network Security Warning:
●Secure Wi-Fi network access by using strong passwords and encryption (WPA2/WPA 3). Insufficient security measures may result in unauthorized network access.
●Regularly update the firmware of routers and switches to protect the network against external threats.
Compatibility Risk:
●Before purchasing, ensure that accessories are compatible with your hardware (e .g., plug type, network standard, or dimensions).
●For USB switches or Wi-Fi devices, always verify their maximum throughput to prevent reduced network or device performance.

Hazard to children:
●Small parts, such as modular RJ45 plugs or plug covers, may pose a choking hazard to children. Store accessories out of reach of children.
●Thermal paste and other chemical substances must be kept out of reach of children – they are not intended for use without adult supervision.
Environmental hazard:
⬤All products in this category, including routers, switches, and network accessories, must be disposed of at designated electronic waste collection points in accordance with local waste management regulations. Proper disposal helps protect the environment from pollution.
Information regarding proper use Recommendations for use:
● When installing RJ45 cable connector covers, ensure they are correctly matched to the cable type – this prevents damage to both the cable and the cover.
● When using USB or LAN switches, ensure the device has adequate ventilation and is not covered.
● Install RJ45 modular plugs using dedicated crimping tools – this ensures connection durability and prevents 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 openings and ports.
●Store chemical components, such as thermal paste, in a dry and cool place, in their original packaging.
●Store cables and network connectors in dedicated organizers to prevent cable entanglement and connector damage.
Additional Precautions User Customization:
●Select accessories appropriate to your needs – for example, switches with the required number of ports, modular plugs compliant with CAT5E/CAT6 standards, or compatible plug covers.
●When using accessories in an office environment, choose products with enhanced durability, such as reinforced keystone jack sockets.

Damage and Servicing:
●In the event of mechanical damage, such as broken plugs, damaged sockets, or excessive device heating, discontinue use immediately.
●Do not attempt to repair damaged accessories yourself – contact the manufacturer's authorized service center.
● 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 comply with the relevant technical standards, including those related to user safety, electromagnetic compatibility, and environmental protection.

SIMPLIFIED EU DECLARATION OF CONFORMITY
MINIX Technology Limited hereby declares that the radio device type NEO Z150-0dB / Z350-0dB complies 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: FLAT/RM 01, 15/F, Chevalier Commercial Center, No.8 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong

Radio frequency: WIFI 2.4G: 2400-2483 MHz; WIFI 5G: 5150 MHz - 5725 MHz; BT: 2400-2483 MHz
Maximum radio frequency power: ≤23 dBm

Importer: INNPRO Robert Błędowski sp. z o.o. ul.
Rudzka 65c, 44-200 Rybnik, Poland
Tel. +48 533 234 303
hurtt@innpro.pl www.innpro.pl

Environmental Protection

Used 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 collection points. By ensuring its proper disposal, you prevent potential negative consequences for the natural environment and human health.
The system for collecting used equipment 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) relating to user safety, health protection, and environmental protection, which define hazards that must be identified and eliminated.

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

Detailed information regarding the distributor’s/manufacturer’s warranty terms is available at https://serwis.in-npro.pl/gwarancja

The product must be regularly maintained (cleaned) either by the user or by authorized service centers at the user's expense and responsibility. If information regarding required cyclical or maintenance actions is absent from the user manual, the physical condition of the product must be assessed regularly, at least once per week, to identify any deviation from the state of a physically new product. Upon detection or identification of any deviation, immediate maintenance (cleaning) or servicing steps must be undertaken. Failure to perform proper maintenance (cleaning) and to respond promptly upon detection of deviations may lead to permanent damage to the product . The guarantor shall not be held liable for damages resulting from negligence.