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THE ORIGINAL
MINI PC

USER'S MANUAL

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P SERIES

ZOTAC ZBOX pico User's Manual



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Product specifications

Product Dimensions

- 115mm x 76mm x 20.7mm

Processor

- Intel Atom X5-Z8500 (quad-core, 1.44GHz up to 2.24GHz)

Graphics processor

- Intel HD graphics
- HDMI 1.4b (max resolution: 4096X2160 @30Hz)
- DP 1.1a (max resolution: 2560X1600 @60Hz)

Memory

- 2GB LPDDR3 memory

USB ports

- Two USB 3.0 ports
- One USB 3.0 Type-C port

Audio

- One combo headphone/microphone jack

Storage

- 32GB eMMC
- 2-in-1 card reader (Micro SDHC/SDXC)

Networking

- 10/100/1000Mbps Ethernet

Wireless networking

- 802.11ac Wi-Fi
- Bluetooth 4.0

Operating System

- Windows 10 Home 64-bit preinstalled

Safety information

Your ZOTAC ZBOX pico is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

Setting up your system

- ❖ Read and follow all instructions in the documentation before you operate your system.
- ❖ Do not use this product near water or a heat source such as a radiator.
- ❖ Set up the system on a stable surface.
- ❖ Openings on the chassis are for ventilation. Do not block or cover these openings. Make sure you leave plenty of space around the system for ventilation. Never insert objects of any kind into the ventilation openings.
- ❖ Use this product in environments with ambient temperatures between 0°C and 35°C.

Care during use

- ❖ Do not walk on the power cord or allow anything to rest on it.
- ❖ Do not spill water or any other liquids on your system.
- ❖ When the system is turned off, a small amount of electrical current still flows. Always unplug all power, modem, and network cables from the power outlets before cleaning the system.
- ❖ If you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer.
 - The power cord or plug is damaged.
 - Liquid has been spilled into the system.
 - The system does not function properly even if you follow the operating instructions.
 - The system was dropped or the cabinet is damaged.
 - The system performance changes.

Port Layout



1. USB 3.0 Type-C port

The USB 3.0 type-C port supports the SuperSpeed USB 3.0 devices. Use this port for USB 3.0 devices for maximum performance with USB 3.0 compatible devices.

2. DisplayPort

DisplayPort supports both external (box-to-box) and internal (laptop LCD panel) display connections.

3. HDMI port

The HDMI (High Definition Multimedia Interface) port supports a Full HD 1080p displays such as an HDTV or monitor.

4. Combo Headphone/Microphone jack (3.5mm)

The combo headphone/microphone jack (3.5mm) is used to connect the system's audio out signal to amplified speakers, 3-pole headphones or 4-pole OMTP headphones.

Note: The combo headphone/microphone jack does not support the traditional microphone.

5. Ethernet port

The eight-pin RJ-45 LAN port supports standard Ethernet cable for connection to a local network.

6. MicroSD memory card slot

The built-in memory card reader supports Micro SDHC/SDXC cards to expand the storage capabilities of the ZOTAC ZBOX pico.

7. Power input (DC 5V, 3A)

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the mini-PC. To prevent damage to the mini-PC, always use the supplied power adapter.

8. USB 3.0 ports

The USB 3.0 port supports SuperSpeed USB 3.0 devices and is backwards compatible with USB 2.0/1.1 devices. Use this port for USB 3.0 devices for maximum performance with USB 3.0 compatible devices.

9. Power button

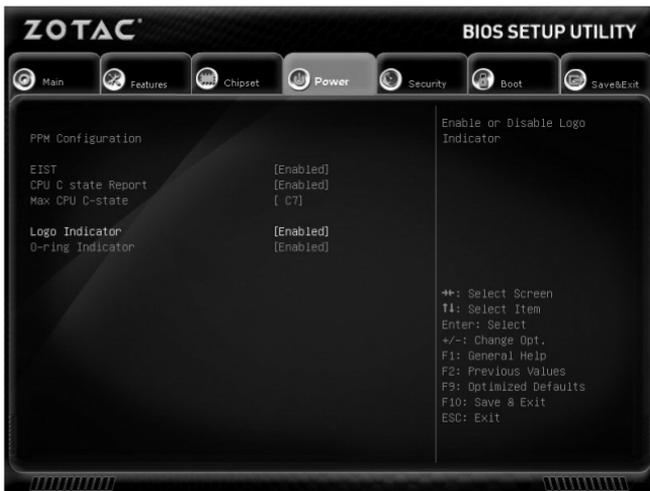
The power button turns the system ON and OFF.

Note 1: The power adapter may get warm or hot when in use. Do not cover the adapter and keep it away from your body.

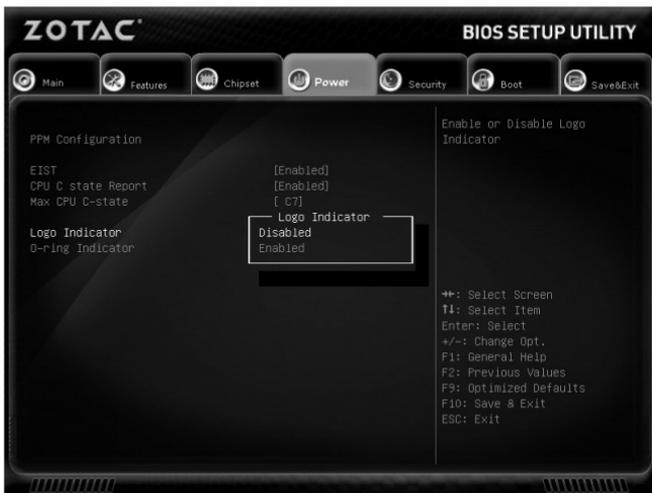
Note 2: Due to the unique design, some connectors are placed upside down.

How to disable the ZOTAC logo indicator

1. Turn on the ZBOX pico mini-PC, then press <Delete> to enter the BIOS SETUP UTILITY.
2. Use the arrow keys to navigate to the **Power** menu and select **Logo Indicator**.



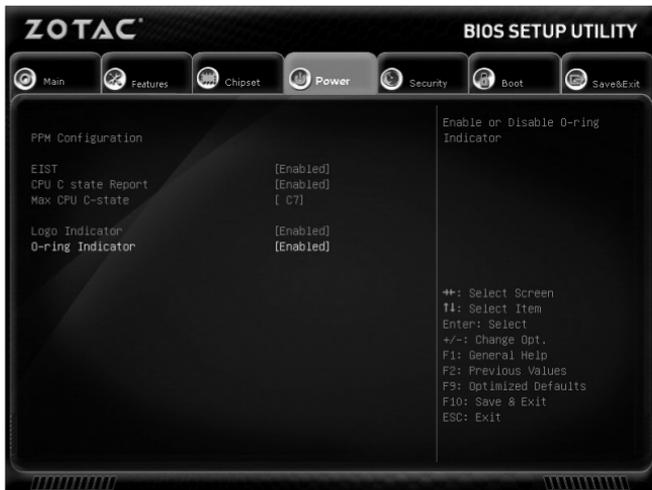
3. Press <Enter> and select **Disabled**.



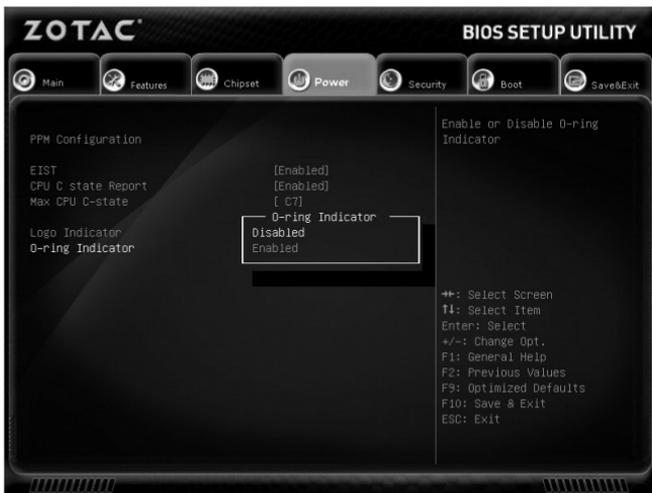
4. Press F10 to save the configuration and exit. The PC will reboot.

How to disable the O-ring indicator

1. Turn on the ZBOX pico mini-PC, then press <Delete> to enter the BIOS SETUP UTILITY.
2. Use the arrow keys to navigate to the **Power** menu and select **O-ring Indicator**.



3. Press <Enter> and select **Disabled**.

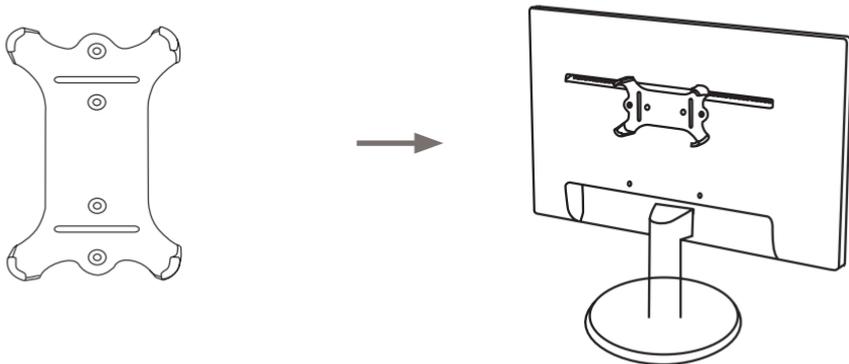


4. Press F10 to save the configuration and exit. The PC will reboot.

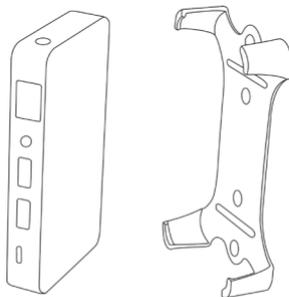
Mounting the ZOTAC ZBOX pico to an LCD monitor

You can attach the ZOTAC ZBOX pico to the back of a VESA75/100 compliant display.

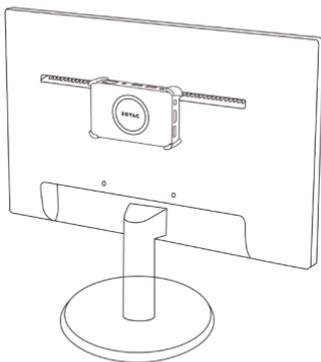
1. Secure the mounting bracket to the LCD monitor using 2 screws.
Disclaimer: ZOTAC is not liable for damages resulting from an improper installation.



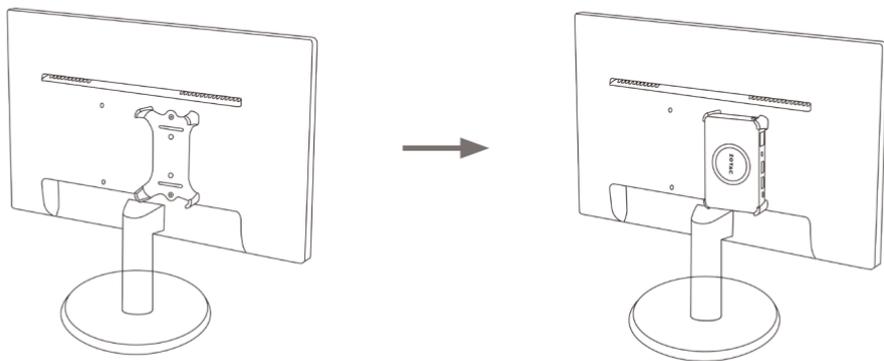
2. Attach the ZOTAC ZBOX pico to the VESA mount and gently press down to secure the ZBOX to the mount.



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3. Connect the ZOTAC ZBOX pico to the LCD monitor with an HDMI cable.



Note: You can also mount the ZOTAC ZBOX pico vertically as shown in the picture below.



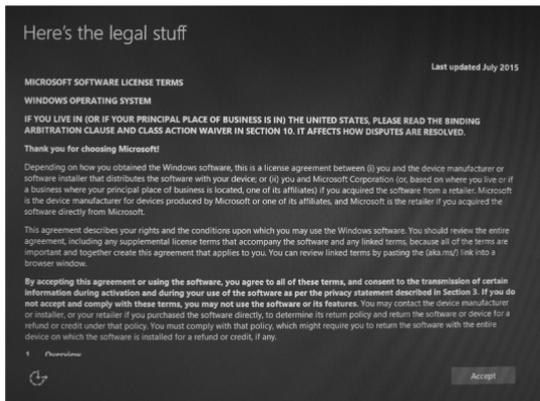
Getting started with Windows 10 Home 64-bit

Please follow the steps below to begin using your ZBOX pico with Windows 10 Home 64-bit.

1. Power on the system.
2. Connect to the Internet via Ethernet or Wi-Fi.
3. Select the language and region.



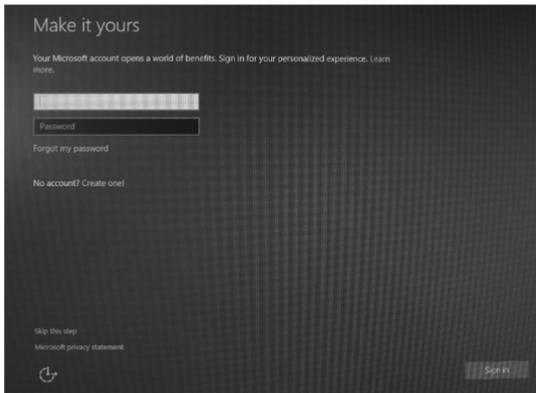
4. Read and accept the license terms.



5. We recommend using the express settings.



6. Create a Microsoft new account if you don't have one. Otherwise, select "Sign in".



Make it yours

Your Microsoft account opens a world of benefits. Sign in for your personalized experience. Learn more.

[Forgot my password](#)

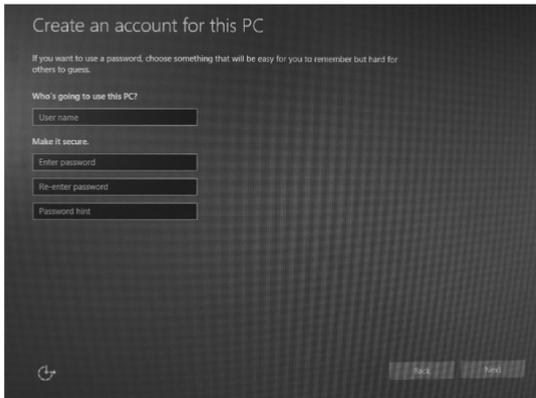
No account? [Create one!](#)

[Skip this step](#)

[Microsoft privacy statement](#)



7. Setup your account.



Create an account for this PC

If you want to use a password, choose something that will be easy for you to remember but hard for others to guess.

Who's going to use this PC?

Make it secure.



8. Wait for the initial system setup to complete .



We're setting things up for you



Taking care of a few things

Setting up your apps

Using your ZOTAC ZBOX pico

Configuring a wireless connection

Please follow the instructions below to connect to a wireless network:

1. Double-click the wireless network icon (pic) in the notification area.
2. Select the wireless network you want to connect to from the list and click Connect.
3. After connection is established, you will see “Connected.”

Note 1: For security concerns, Do NOT connect to an unsecured network, otherwise, the transmitted information without encryption might be visible to others.

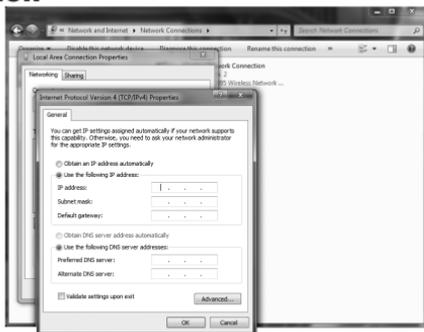
Note 2: Enter the network security key if necessary.



Configuring an Ethernet connection

Using a static IP

1. Right-click the network icon in the notification area and select “Open Network Connections”.
2. Right-click “Local Area Connection” and select “Properties”.
3. Highlight “Internet Protocol (TCP/IP)” and click “Properties”.
4. Select “Use the following IP address”.
5. Enter your IP address, subnet mask and Default gateway.
6. Enter the preferred DNS server address if necessary.
7. After entering all of the related values, click “OK” to finish the configuration.



Using a dynamic IP (PPPoE connection)

1. Repeat Step 1-3 in the previous section.
2. Select “Obtain an IP address automatically” and click “OK”.
3. Click “Create a new connection” to start the NEW Connection Wizard.
4. Click “Next”.
5. Select “Connect to the Internet” and click “Next”.
6. Select “Set up my connection manually”.
7. Select your connection type and click “Next”.
8. Enter your ISP Name and click “Next”.
9. Enter your User name and Password. Click “Next”.
10. Click “Finish” to finish the configuration.
11. Enter your user name and password. Click “Connect” to connect to the internet.



Note: Contact your internet Service Provider (ISP) if you have problems connecting to the network.

Configuring audio output via an HDMI device

Follow the steps below to enable audio output via HDMI when connecting the ZOTAC ZBOX pico to a TV or receiver via HDMI.

1. Access the Sound settings via the system Control Panel.
2. Under Playback devices, click the display device that corresponds with your HDMI audio compatible display
3. Click the “Set Default” button in the lower right hand corner.
4. Click “OK” to exit the setup.

