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Table of Contents

Product specifications	3
Safety information	4
Setting up your system	4
Care during use	4
Welcome	5
Package contents	5
Port Layout	6
How to disable the ring LED indicator	8
Mounting the ZOTAC ZBOX pico to an LCD monitor	10
Getting started with Windows 8.1 with Bing	12
Using your ZOTAC ZBOX pico	16
Configuring a wireless connection	16
Configuring an Ethernet connection	16
Using a static IP	16
Using a dynamic IP (PPPoE connection)	17
Configuring audio output via an HDMI device	18
Configuring Windows 8.1 micro SD/SDHC/SDXC Support	19
Recovering Windows 8.1 (from internal system image)	21
Recovering Windows 8.1 (from external recovery DVD)	22

Product specifications (ZBOX-PI320)

Product Dimensions

• 115.5mm x 66mm x 19.2mm

Processor

- Intel Atom Z3735F (quad-core, 1.33 GHz)
- Burst speed up to 1.83 GHz

Graphics processor

Intel HD graphics

Memory

• 2GB DDR3L-1333 memory

USB ports

Three USB 2.0 ports

Storage

- 32GB/64GB eMMC
- Expandable via micro SD/SDHC/SDXC

Networking

• 10/100Mbps Ethernet

Wireless networking

- 802.11n Wi-Fi
- Bluetooth 4.0

Operating System

• Windows 8.1 with Bing, 32-bit

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 with the provided stand. Never use the system alone without the stand.
- 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.

Welcome

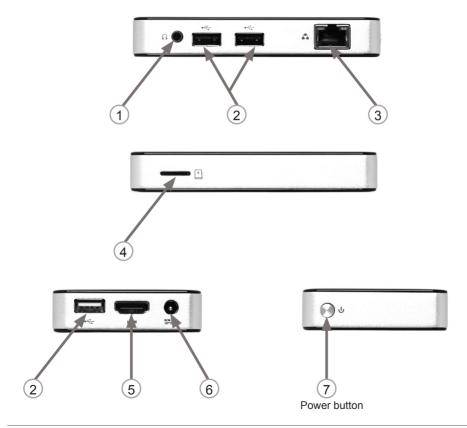
Congratulations on your purchase of the ZOTAC ZBOX pico. The following illustration displays the package contents of your new ZOTAC ZBOX pico. Please contact your retailer If any of the below items are damaged or missed.

Package contents

- 1 x ZOTAC ZBOX pico
- 1 x Mounting bracket
- 2 x Mount screws
- 1 x AC adapter
- 1 x OS Recovery DVD (optional)
- 1 x Warranty Card
- 1 x User Manual
- 1 x Quick Start Guide



Port Layout



1. Headphone/analog audio output (3.5mm)

The stereo headphone jack (3.5mm) is used to connect the system's audio out signal to amplified speakers or headphones.

2. USB 2.0 ports

The USB (Universal Serial Bus) port is compatible with USB devices such as keyboards, mice, cameras and external hard disk drives.

3. Ethernet port

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

4. MicroSD memory card slot

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

5. HDMI output

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

6. 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.

7. 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.

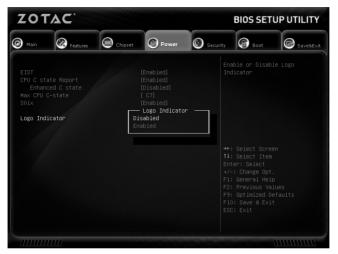
Note 2: Due to the unique design, some connectors are placed upside down.

How to disable the ring LED 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**.

ZOTAC			BIOS SETUP UTILITY		
Main Restures	Chipset	O Power	Securi	ty 🙆 Boot	Save&Exit
EIST CPU C state Report Enhanced C state Max CPU C-state Solix Logo Indicator		(Enabled) (Enabled) (Disabled) (C7) (Enabled) (Enabled)			
					uuuuuu

3. Press <Enter> and select Disabled.

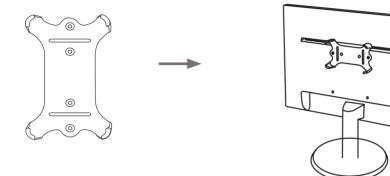


4. Press F10 to save the configuration and exit. The PC will reboot.

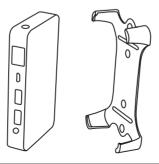
Mounting the ZOTAC ZBOX pico to an LCD monitor

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

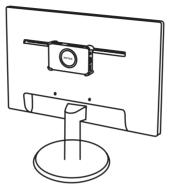
1. Secure the mounting bracket to the LCD monitor using 2 screws. Disclaimer: ZOTAC is not liable for damages resulting from an improper installation.



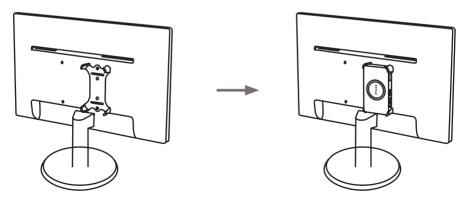
2. Attach the ZOTAC ZBOX pico to the VESA mount and gently press down to secure the ZBOX to the mount.



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 8.1 with Bing

Please follow the steps below to begin using your ZBOX with Windows 8.1 with Bing.

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

Region	and language	
Country or region	Hong Kong SAR	*
App language	English (Hong Kong)	*
Keyboard layout	US	*
Time zone	(UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi	*

4. Read and agree to the license terms.



5. Pick a color you like and give the PC a name.



6. We recommend using the express settings.

¢	Settings
	Express settings
	We recommend these settings, which include occasionally sending info to Microsoft. You can customize these settings now or later.
	Automatically find and connect to devices and content on this network. Automatically initial Window updates, pap updates, and device software. Turn on Do Not Track in intermet Diporer. Help protect your F C now unself test, apps, and websites, and check online for solutions to problems. Help protect your F C now unself test, apps, and websites, and check online for solutions to problems. Help protect your F C now unself test, apps, and websites, and check online for solutions to problems. Help protect your for how unself test, apps, and websites, and the Microsoft test your location and content test protection and even even in white works. Help networks and even even in white Windows Search, and test Microsoft test your location and content test protectional apps of approxematics. Help networks and pape use your content, account picture, and advertising (D), and request your location from the Windows Location Platform.
	Linam more about express settings Privaci-falmment
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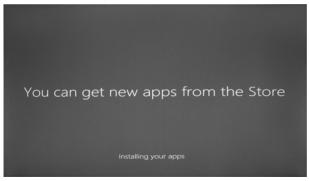
7. Create a Microsoft new account if you don't have one or select "Sign in without a Microsoft account" and click "next".

📀 Sign in to	your Microsoft account
Sign in to easily g on all your device	et your online email, photos, files, and settings (like browser history and favorites) s. You can manage your synced settings at any time.
¢omeone®exam	com .
Password	
Don't have an ac	
Create a new acc	
Privacy statemen	
	Next
€ Create a N	ficrosoft account
Begin with an em	Affectosoft account al advect that you republy one three although our Nore Line. Outvice.com, or Orderbree, use that account here to string all of your relib together on the EC.
Begin with an em	ail address that you regularly use. If you already use Xbox Live, Outlook.com,
Begin with an em Windows, Phone,	ail address that you regularly use. If you already use Xbox Live, Outlook.com,
Begin with an em Windows, Phone, First name	ail address that you regularly use. If you already use Xbox Live, Outlook.com,
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Bogis with an em Window, Thora, First name Last name Email address	al address that your regularly use If you all address that Durin No. Outlink com all Continent use that account here to bring all of your risk together on this PC and a state of the sta
Bogin with an em Window, Phone, First name Last name Email address Create password	al address that your regularly use If you all address that Durin No. Outlink com all Continent use that account here to bring all of your risk together on this PC and a state of the sta
Rogin with yo em Window, Phon, First name Lest name Email address Crietle password Reenter password	al address that in purposed with a first address of the table of the Control C
Rogin with yo em Window, Phone First name Lest name Email address Crielle password Reenter password Courthy/region	al address that in purposed with a first address of the table of the Control C

8. Setup your account.

¢	Your account	
	If you want a password, choose something that will be easy for you to remember but hard for others to guess.	
	User name Example: John T	
	Password	
	Reenter password	
	Password hint	
ዯ	Fields	

9. Wait for the initial system setup to complete .



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.
- Select the wireless network you want to connect to from the list and click Connect.
- 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

- 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.



Not connected

Wireless Network Connection

Connect

at.

at.

at

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".
- 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.

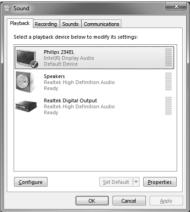
Control Panel Home	View your basic network information and set up connections
Manage wireless networks Change adapter settings	🧏 🌚 🔮 See fuit map
Change advanced sharing ettings	(This computer) Internet (This computer) View your active networks Connect or disconnect
	Very you alone networks Connect or docconnect Access type Internet Home network
	Charge your networking settings Set up a new connection or network Set up a writes, breakhand, dal-up, a Choose a connection option accessing in the setting in the settin
	Connect to a network Connect to a wireless, wire Connect to the Internet Connect or Data Strategy connection to the internet
	Choose homegroup and sharing option Access files and printers located on oth Corrigure a new router or access point.
See also HomeGroup	Troubleshoet problems Disgrose and repair network problems Disgrose and repair network problems Disgrose and repair network problems
nternet Options	Connect to a workplace Set up a dial-up or VPN connection to your workplace.

Next Cancel

Configuring audio output via an HDMI device

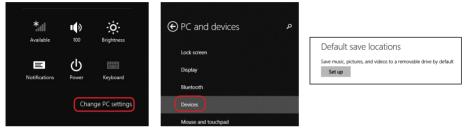
Follow the steps below to enable audio output via HDMI when connecting the ZOTAC ZBOX pico to a TV or receiver via HDMI.

- 1. Access the Sound settings via the system Control Panel.
- 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.



Configuring Windows 8.1 micro SD/SDHC/SDXC Support

- 1. Press WINKEY+I, to reveal interface Settings.
- 2. Select "Change PC settings" > "PC and devices" > "Devices", you will see a group named "Default Save Locations".



3. Click "Set Up," now you can configure Windows to use the micro-SD card for music, photos, and videos.

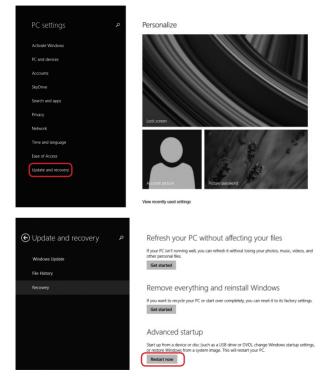
Select which types of media you want to save to IRM_CCSA_X8 (D:) by default. We'll create a folder for each type you select, but we won't			
move any of your existing files.			
V Music			
✓ Pictures			
Videos			
ОК			
Set up			

4. The Music, Pictures, and Videos folders on the SD card are associated to individual user accounts.

¥ 🕞 🕕 =	Drive Tools				
File Home Shar	re View Manage				
€ → + \$₽,	This PC → NEW VOLUME (F:) →				
A Favorites	Name	Date modified	Туре	Size	
E Desktop	Music (pcp\toby)	7/24/2014 7:25 AM	File folder		
Downloads	Pictures (pcp\toby)	7/24/2014 7:25 AM	File folder		
Recent places	Videos (pcp\toby)	7/24/2014 7:25 AM	File folder		
]뾒 This PC					
Network					

Recovering Windows 8.1 (from internal system image)

1. Select "PC settings" > "Update and recovery" > "Recovery" > "Restart now".



2. Choose "Troubleshoot" > "Reset your PC" > "Reset".



Recovering Windows 8.1 (from external recovery DVD)

- 1. Please back up your personal files before attempting recovery.
- 2. Boot from recovery DVD.
- 3. Follow the on-screen instructions to finish the recovery.

FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2)l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi,même si le brouillage est susceptible d'en compromettre le fonctionnement.