

NZXT

N7

Z390 ATX MOTHERBOARD

USER GUIDE

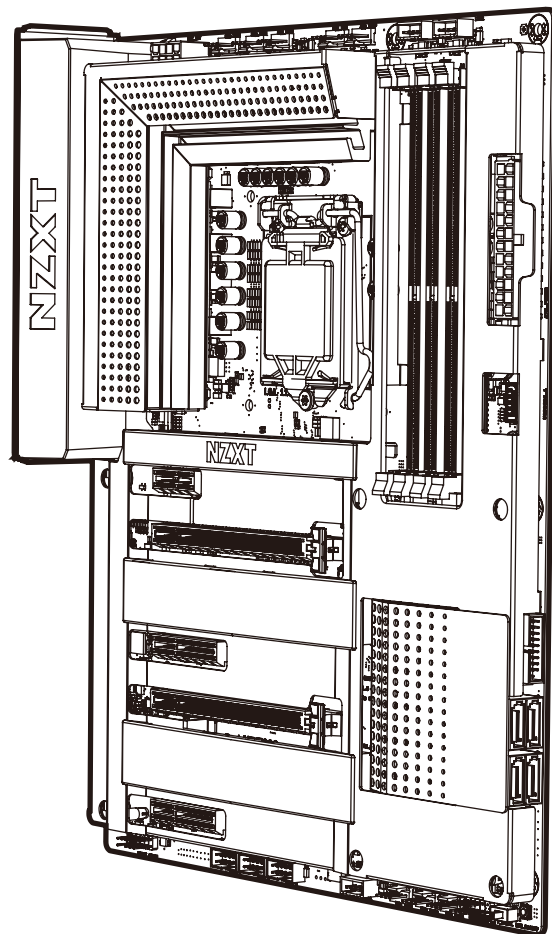


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1. PREFACE

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C. Trademark Recognition

Product names used in this manual are the properties of their respective owners and are acknowledged.

D. Safety Precaution

Follow these safety precautions when installing the motherboard:

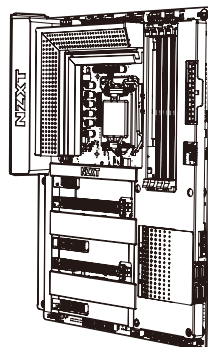
- It is recommended to wear a grounding strap attached to a grounded device to avoid damage from static electricity.
- Discharge static electricity by touching the metal case of a safely grounded object before working on the motherboard.
- Leave components in the static-proof bags.
- Always remove the AC power by unplugging the power cord from the power outlet before installing or removing the motherboard or other hardware components.

2. PRODUCT INFORMATION

2.1 PACKAGE CONTENTS

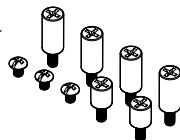
A. N7 Z390 Motherboard

x1



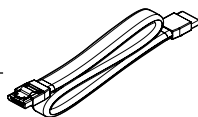
B. Installation Screws Set (M3 Thread)

x1



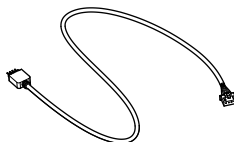
C. SATA Cables

x4



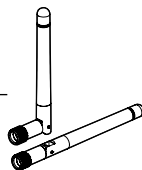
D. 500mm LED Connection Cable

x3



E. Wireless Antenna

x2



2.2 SPECIFICATIONS

CPU & Socket

LGA socket 1151 for Intel® 8th/9th Generation Core™ i9/ Core™ i7/ Core™ i5/ Core™ i3 Processors

- Supports Intel 14nm CPU
- Supports Intel Turbo Boost Technology 2.0

Chipset

Intel® Z390

Memory

4x DIMM, Max. 64GB, DDR4

- Non-ECC, Un-buffered Memory
- Dual-channel memory architecture
- Supports Intel® Extreme Memory Profile (XMP)

Integrated Graphics

Integrated Graphics Processor- Intel® HD Graphics Support

Single-graphics output support: HDMI port

- HDMI™ with max. resolution of 4096x2160@24Hz
- Maximum shared memory of 1024MB (for iGPU exclusively)

Multi-GPU Support

Supports AMD 2-Way CrossFireX™ Technology

Storage

Intel® Z390 Chipset

- 1x M.2 type 2242/2260/2280 (PCIe 3.0 x4 & SATA mode)
- 1x M.2 type 2242/2260/2280 (PCIe 3.0 x4 mode only)
- 4x SATA 6Gb/s ports

Supports RAID 0/1/5/10

Supports Intel® Smart Response Technology

Intel® Rapid Storage Technology 15

Intel® Optane Memory Ready

LAN

Intel® I219-V Gigabit LAN

Wireless

Intel® Dual Band Wireless-AC 9560

- Wi-Fi 802.11 a/b/g/n/ac
- Supports dual band frequency 2.4/5GHz
- Supports MU-MIMO

Bluetooth

Bluetooth V5

Audio

Realtek® ALC1220 Codec

8-Channel High Definition Audio, 32-bit /192KHz DAC

USB Ports

- 4x USB 3.1 Gen 2 ports (4 at back panel [red])
- 1x USB 3.1 Gen 2 front panel port (For USB Type-C)
- 4x USB 3.1 Gen 1 ports (2 at back panel [blue], 2 at mid-board)
- 6x USB 2.0 ports (6 at mid-board)

Expansion Slots

- 2x PCIe 3.0 x16 (x16 or dual x8)
- 2x PCIe 3.0 x4
- 1x PCIe 3.0 x1

Rear I/O

- 4x USB 3.1 Gen 2 ports (Red)
- 2x USB 3.1 Gen 1 ports (Blue)
- 1x HDMI™ 1.4b
- 1x 2x2 Wireless antenna
- 1x Clear CMOS button
- 1x Power button
- 1x Reset button
- 1x BIOS post code display
- 1x LAN (RJ45) port
- 1x Optical S/PDIF Out port
- 1x 5.1-Channel audio jacks

Internal I/O

- 1x 24-pin EATX power connector
- 1x 8-pin ATX 12V power connector
- 1x 4-pin CPU_FAN connector
- 1x 4-pin AIO_PUMP connector
- 6x 4-pin SYS_FAN connectors (Up to 6W per channel)
- 3x RGB LED connectors
- 1x Noise sensor
- 3x USB 2.0 header (Up to 6 USB 2.0 ports)
- 1x USB 3.1 Gen1 header (Up to 2 USB 3.1 Gen 1 ports)
- 1x USB 3.1 Gen2 front panel header (For USB Type C)
- 4x SATA 6Gb/s connectors
- 1x M.2 Socket 3 with M Key, type 2242/2260/2280 storage device support (PCIe 3.0 x4 & SATA mode)
- 1x M.2 Socket 3 with M Key, type 2242/2260/2280 storage device support (PCIe 3.0 x4 mode only)
- 1x M.2 Socket 1 with E Key, (For wireless cards, supports CNVio)
- 1x Front panel audio connector
- 1x ROM backup button
- 1x Dual BIOS switch

Operating System

Microsoft® Windows® 10 (64-bit)

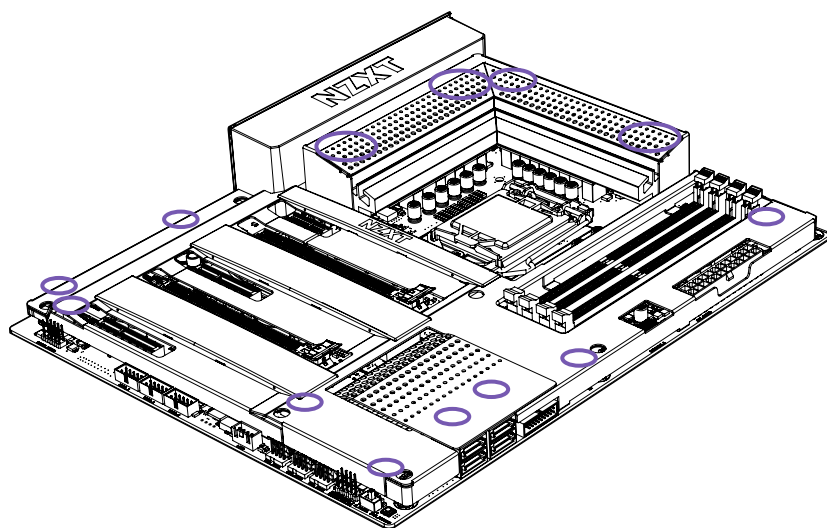
Form Factor

ATX

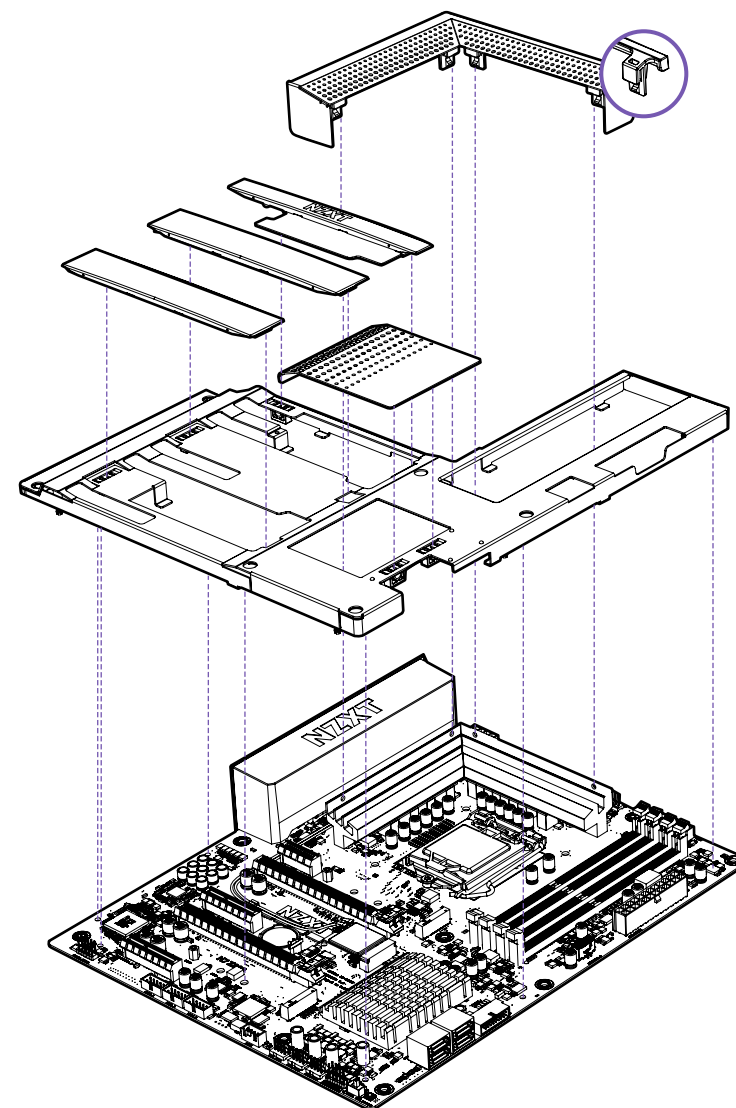
3. COMPONENTS & PORTS

3.1 COVERS

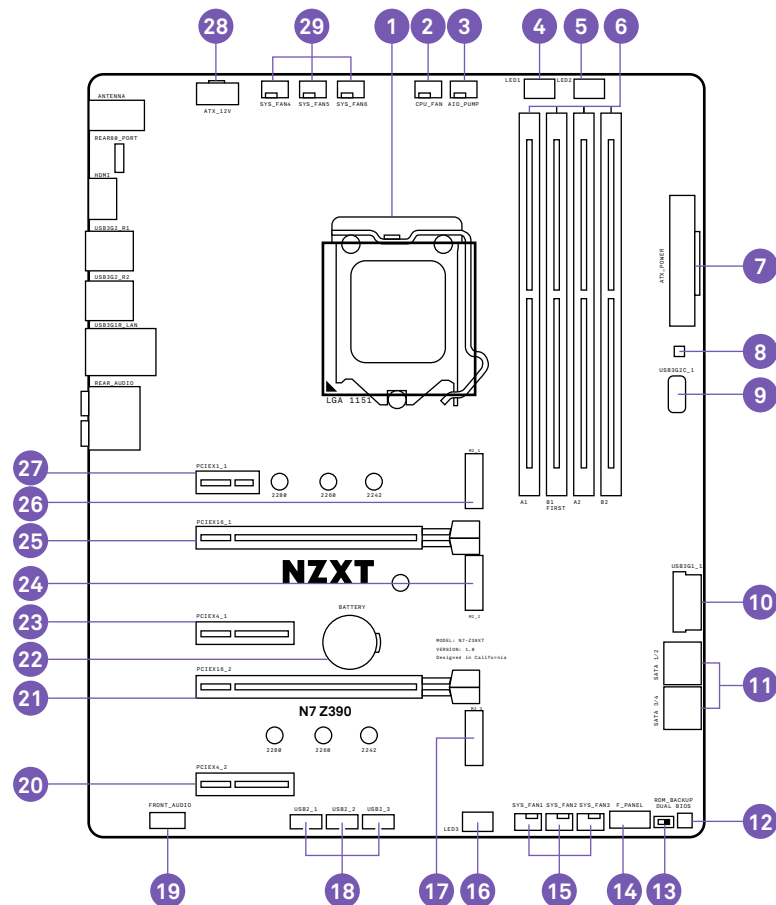
The all-metal N7 cover pieces can be removed by hand. They are latched onto the motherboard through multiple points. When installing and removing, please pay close attention to these points and apply an even force to prevent damage.



3.2 EXPLODED VIEW

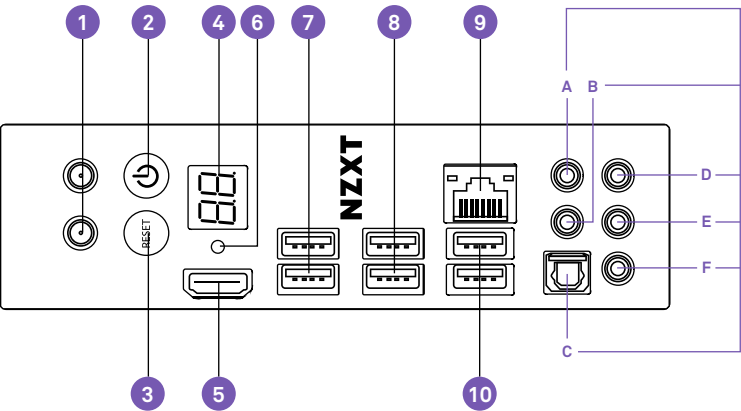


3.3 PORTS OVERVIEW



No.	Port Name	Description
1	CPU Socket	LGA 1151 socket for Intel 8th/9th Generation processor
2	CPU_FAN	4-pin CPU fan connector
3	AIO_PUMP	4-pin AIO pump connector
4	LED1	4-pin LED header
5	LED2	4-pin LED header
6	DIMM A1-B2	288-pin DDR4 memory slots
7	ATX_POWER	24-pin ATX power connector
8	Noise Sensor	Digital noise sensor for NZXT CAM Adaptive Noise Reduction
9	USB3G2C_1	Front panel USB 3.1 Gen 2 Type-C header
10	USB3G1_1	Front panel USB 3.1 Gen 1 header
11	SATA 1-4	Serial ATA 6Gbps connectors
12	ROM_BACKUP	BIOS ROM backup button
13	Dual BIOS Switch	Dual BIOS switch, toggle to the left for default
14	Front Panel Connectors	Front panel switches and LED connectors
15	SYS_FAN 1-3	4-pin fan connectors
16	LED3	4-pin LED header
17	M2_3	M.2 Socket 3 with M key, supports type 2242/2260/2280 storage devices (Supports PCIE mode)
18	USB2_1-3	Front panel USB 2.0 headers
19	FRONT_AUDIO	Front panel audio connector
20	PCIEX4_2	PCI Express x4 Gen3 slot
21	PCIEX16_2	PCI Express x16 Gen3 slot for GPU
22	Battery	CMOS Battery
23	PCIEX4_1	PCI Express x4 Gen3 slot
24	M2_1	M.2 Socket 1 with E key, supports type 2230 wireless devices with CNVio
25	PCIEX16_1	PCI Express x16 Gen3 slot for GPU
26	M2_2	M.2 Socket 3 with M key, supports type 2242/2260/2280 storage devices (Supports PCIE & SATA mode)
27	PCIEX1_1	PCI Express x1 Gen3 slot
28	ATX_12V	8-pin +12V power connector
29	SYS_FAN 4-6	4-pin fan connectors

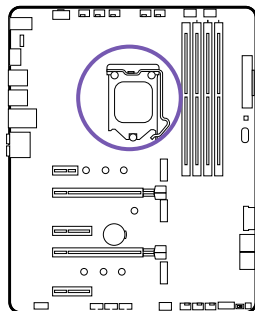
3.4 REAR I/O



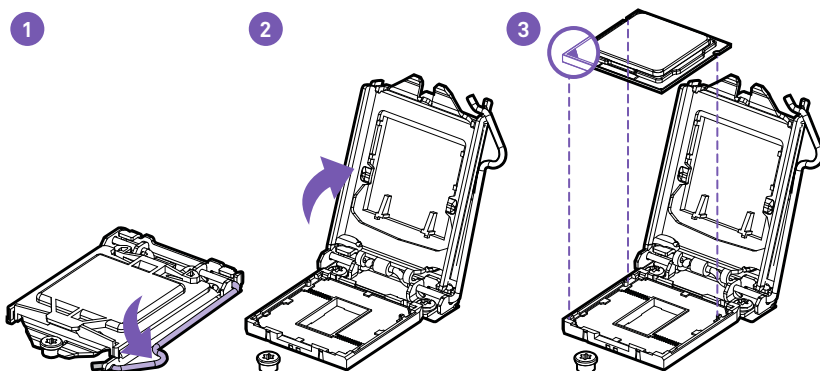
No. Port Name	
1	Wireless Antenna
2	Power Button
3	Reset Button
4	2-Digit BIOS Post Code Display
5	HDMI 1.4b port
5	Clear CMOS Button
7	USB 3.1 Gen 2 x 2
8	USB 3.1 Gen 2 x 2
9	RJ45 LAN port
10	USB 3.1 Gen 1 x 2
11	Audio ports
	A. Center and Subwoofer
	B. Rear Surround
	C. Optical SPDIF Out port
	D. Line-in
	E. Front Left and Right
	F. Microphone

3.5 CPU SOCKET

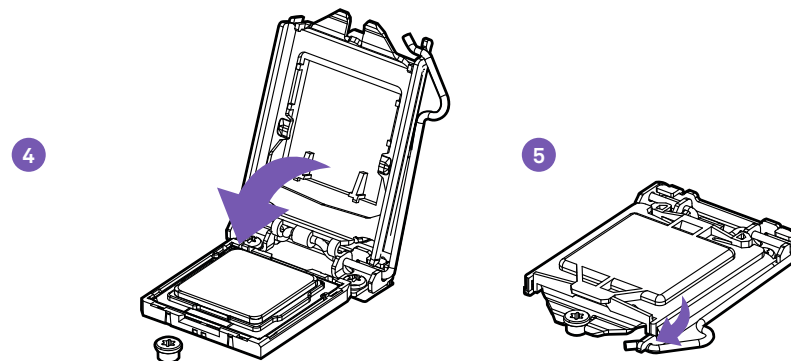
The surface of the LGA 1151 CPU has two notches and a golden triangle to assist in correctly lining up the CPU for placement within the socket.



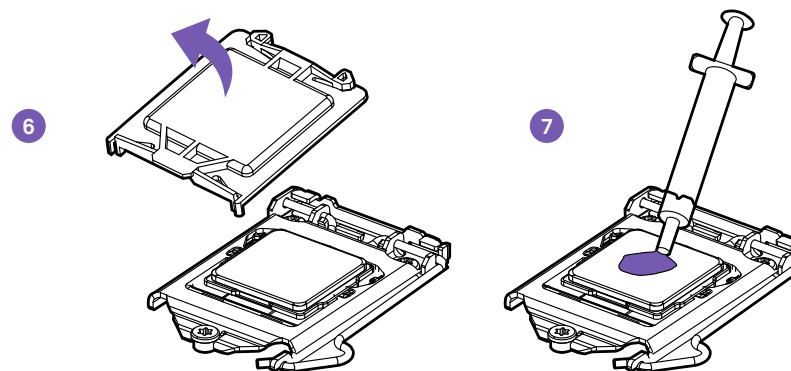
Installation



- Push down on the retention arm and outwards to release.
- Flip open the latch and place the CPU making sure the triangle and the notches on the CPU matches the corner as indicated.



- Close the latch and push down on the retention arm to lock it into place.
- The plastic protective cap will automatically become loosen.



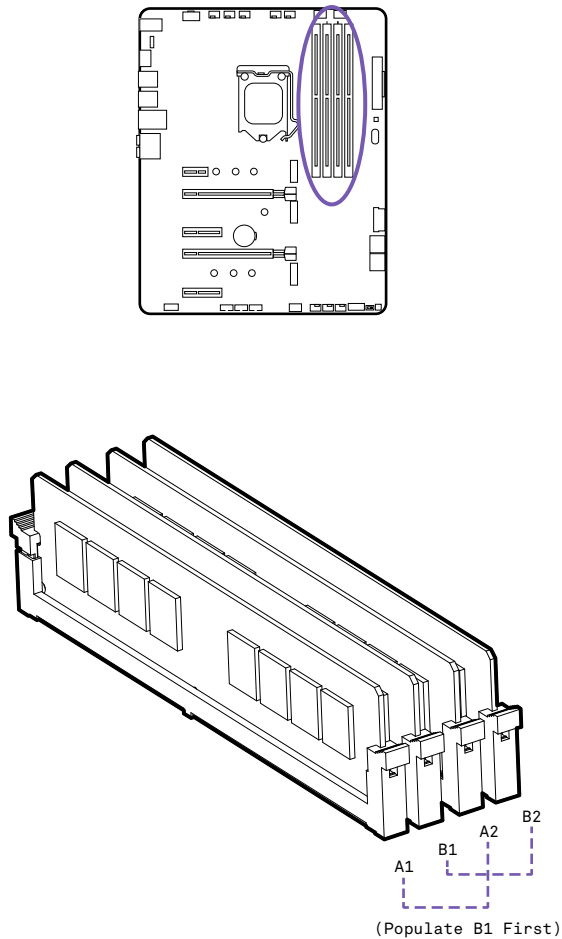
- Apply thermal paste as needed and install your CPU cooler.

Note

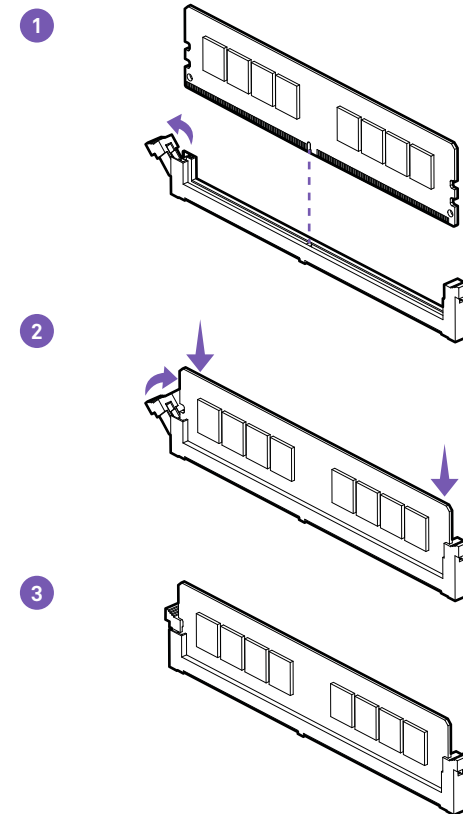
- Always unplug the power cord from the power outlet before installing or removing the CPU.
- Please retain the CPU protective cap after installing the CPU.
- Confirm that the CPU heatsink has been mounted properly before booting.
- Whenever the CPU is not installed, always protect the CPU socket pins by covering the socket with the plastic protective cap.
- Please refer to the CPU cooler manufacturer's instructions to install your cooler.

3.6 DIMM SLOTS

The DIMM slots are located here. Please see the diagram for recommended memory configuration.



Installation



- Push the release lever as indicated.
- Match the memory with the middle notch and align into the DIMM slots.
- Push the memory into the DIMM slot firmly until the level has been locked automatically.

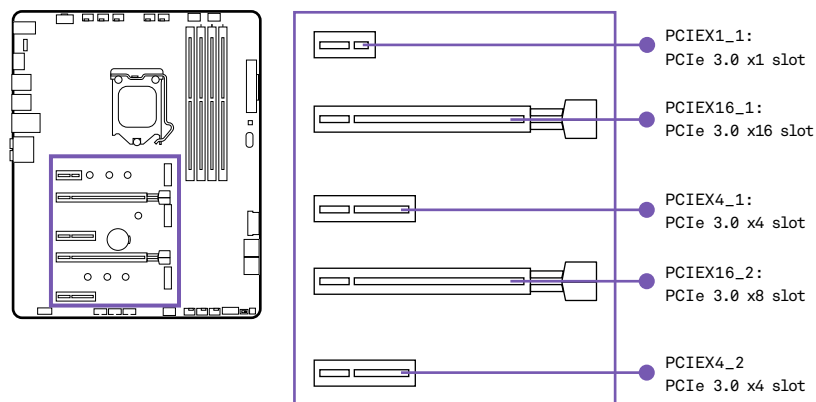


Note

Insert memory modules in the B1 slot first.

3.7 PCI EXPRESS EXPANSION SLOTS

See the diagram below for the list of slots. Please install graphics cards using the PCIEX16_1 first then the PCIEX16_2.



Multi-graphics cards installation

For power supply recommendations for multi-GPU configurations, please refer to the user guide of your graphics card to make sure you meet all the system requirements.

To install multiple graphics cards:

- Turn off your computer and disconnect the power cord, install two graphics cards into the **PCIEX16_1** and **PCIEX16_2** slots.
- Connect all PCIe power connectors of the graphics cards.
- Reconnect the power cord, power up the computer and install the drivers and software included in your graphics card package.

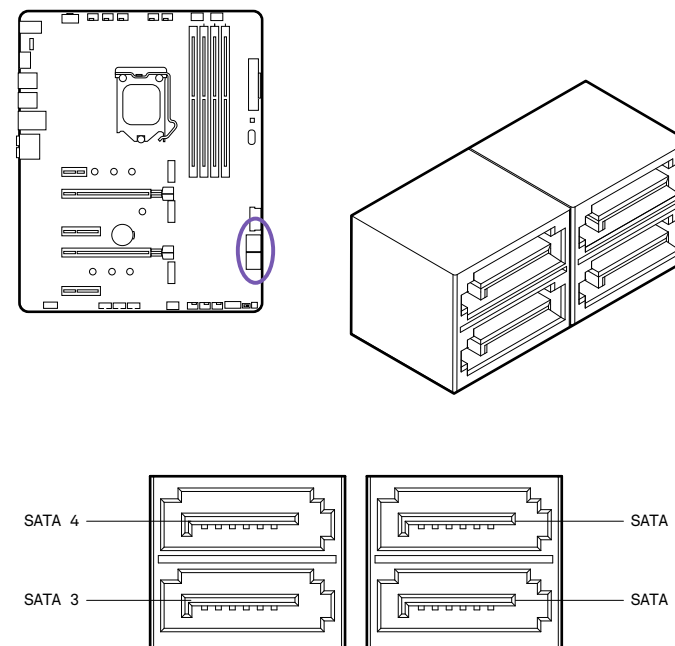


Note

- For a single PCIe x16, please use PCIEX16_1.
- When adding or removing expansion cards, always turn off the power supply and unplug the power supply power cable from the power outlet. Read the expansion card's documentation to check for any necessary additional hardware or software changes.

3.8 SATA CONNECTORS

These connectors are SATA 6Gb/s interface ports. Each connector can connect to one SATA device. No ports utilize the same bandwidth with any M.2.

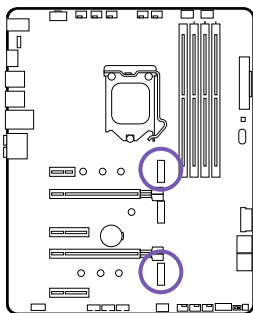


Note

- Please do not fold the SATA cable at a 90-degree angle. Data loss may result during transmission otherwise.
- SATA cables have identical plugs on either side of the cable. However, it is recommended that the flat connector be connected to the motherboard for space saving purposes.

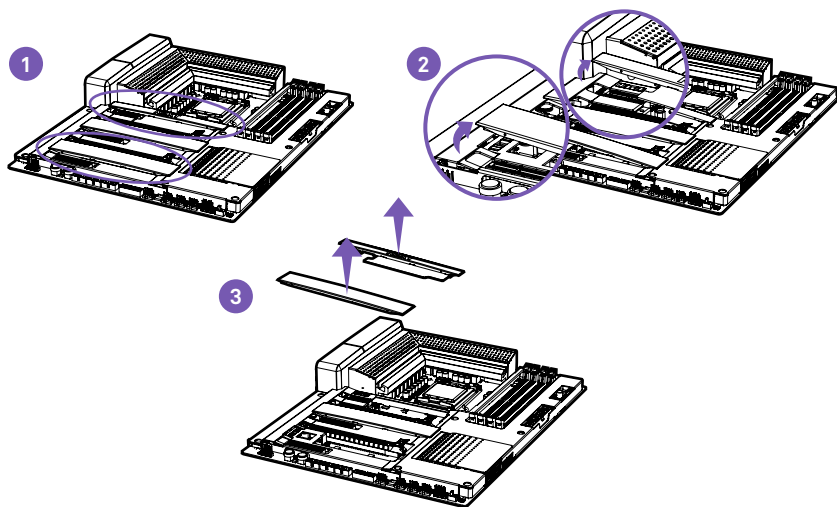
3.9 M.2 SLOTS FOR STORAGE

There are two M.2 slots on the N7 motherboard. You will need to remove the steel cover pieces prior to installation. The M.2 slots supports form factors up to type 2280.

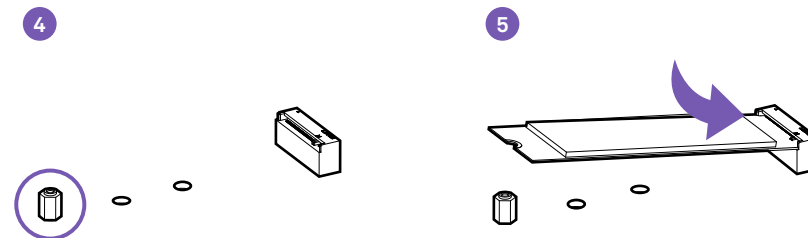


Installation

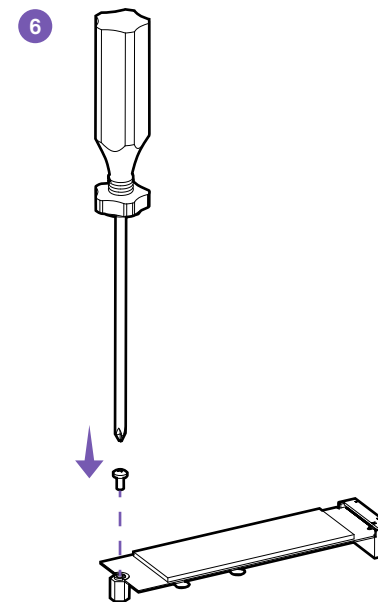
- Remove the M.2 slot cover.



- Confirm the standoff is at the required position and if necessary, move the standoff.
- Insert your M.2 drive into the M.2 slot at an angle.



- Secure the M.2 drive using the M.2 screw onto the standoff and tighten.

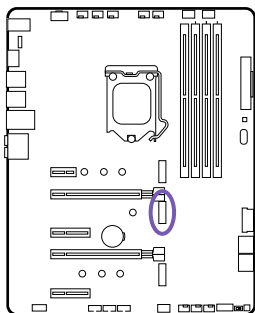


Note

- If you have installed an M.2 drive, we recommend leaving the cover off to ensure optimal cooling for your M.2 drives. The NZXT logo cover piece has a removable M.2 cover, press on the lock and slide to release.
- Intel® RST only supports PCIe M.2 SSD with UEFI ROM.
- Intel® Optane™ Memory Ready for all M.2 slots.

3.10 M.2 SLOT FOR WIRELESS CONNECTIVITY

A Key E M.2 slot supporting PCIe and CNVio is located at the center of the motherboard. This slot is prepopulated with an Intel® Wireless-AC 9560 and two antenna cables route the wireless signals to the rear I/O.

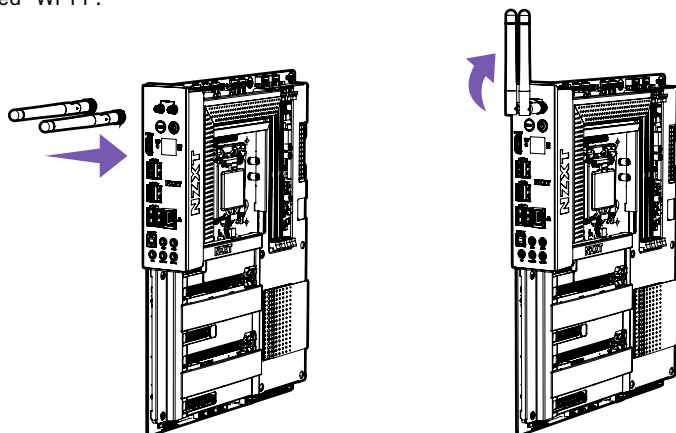


3.11 ANTENNA

Two dual-band wireless antennas are included to boost the wireless and Bluetooth signals.

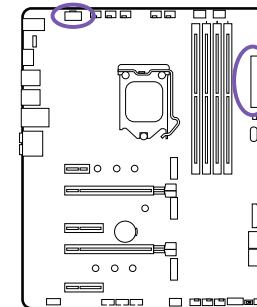
Installation

- Attach the antenna onto the rear I/O by securing them directly to the SMA ports labelled "Wi-Fi".

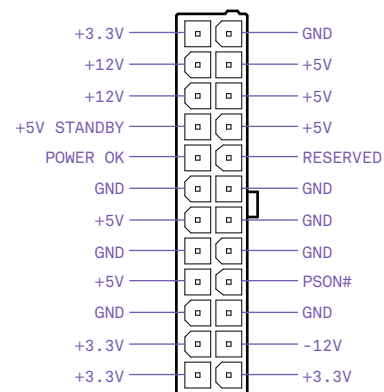


3.12 POWER CONNECTORS

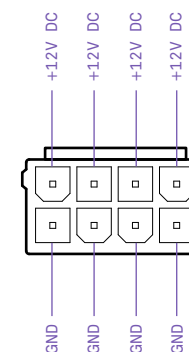
These connectors connect to an ATX power supply.



24-pin ATX_POWER



8-pin ATX_12V

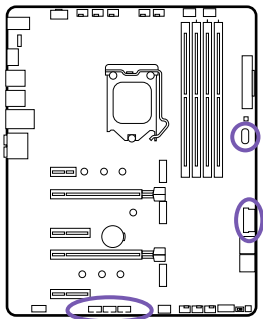


Note

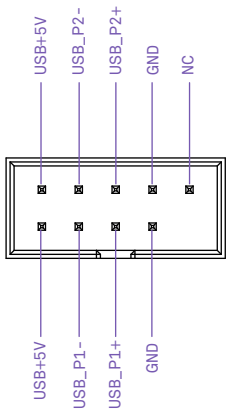
- Make sure that all the power cables are securely connected to a proper ATX power supply to ensure stable operation of the motherboard.
- You may need to remove the mosfet cover piece before connecting the 8-pin CPU power.

3.13 USB CONNECTORS

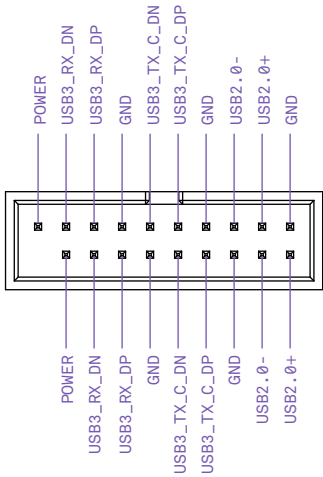
These connectors allow you to connect to the front panel USB ports or devices requiring internal USB ports.



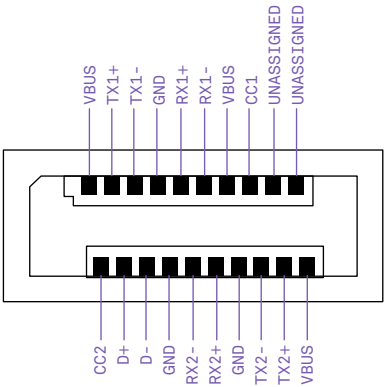
USB 2.0



USB 3.1 Gen. 1

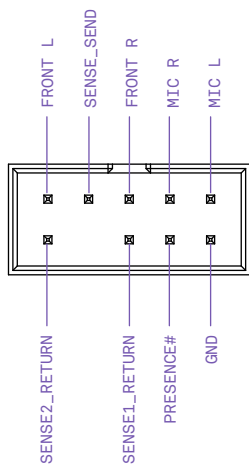
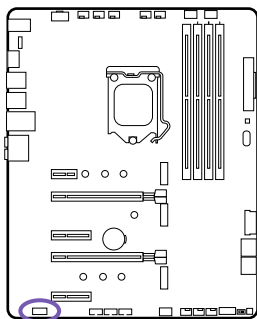


USB 3.1 Gen. 2 Type-C



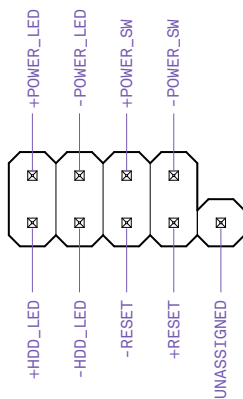
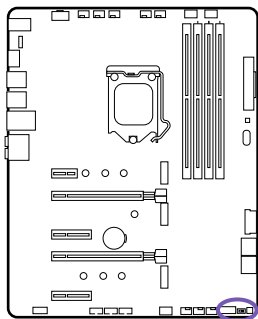
3.14 FRONT PANEL AUDIO CONNECTOR

This connector connects to the front panel audio on the case.



3.15 FRONT PANEL CONNECTOR

These connectors connect to the switches and indicator LEDs on the case.

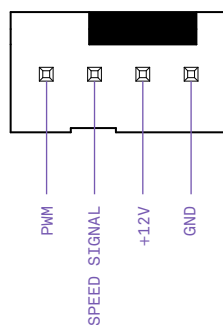
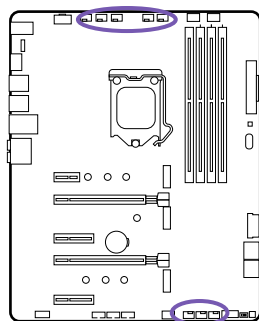


! Important

- Please check the polarity of the pins to ensure your LEDs work properly.

3.16 FAN CONNECTORS

The CPU_FAN, AIO_PUMP and the six SYS_FAN connectors support both PWM(Pulse Width Modulation) and voltage modes. The fan speeds can be adjusted within the BIOS or NZXT CAM.

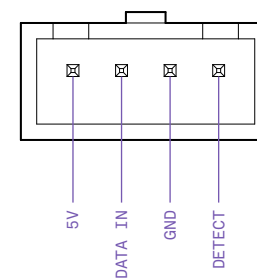
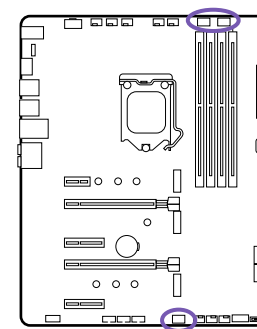


Note

- NZXT CAM is required to control the fans within Windows.

3.17 LED CONNECTORS

There are three LED ports located here. These ports are compatible with HUE+ LED strips and Aer RGB 2 fans but cannot be mixed with HUE 2 accessories in the same channel. For HUE 2 accessories, each channel supports up to 40 LEDs and up to 6 accessories.



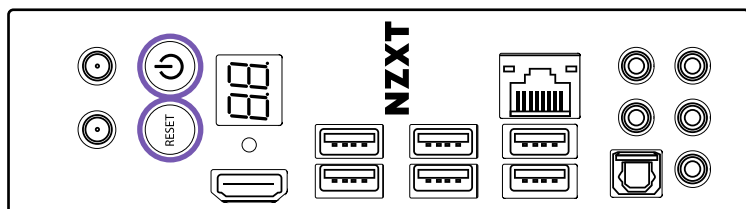
Note

- Use the connection cable included in the packaging to connect to compatible accessories.
- NZXT CAM is required to control the lighting within Windows.

3.18 BUTTONS AND SWITCHES

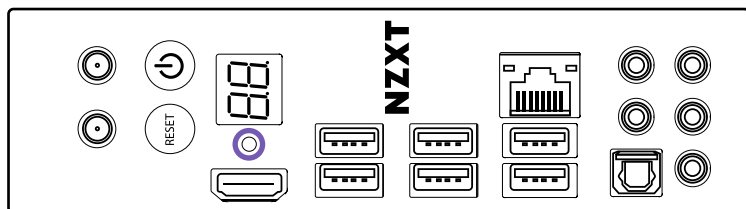
Power and Reset Button

The power and reset button allow you to power on and reset the motherboard without connecting to a switch which is useful when testing.



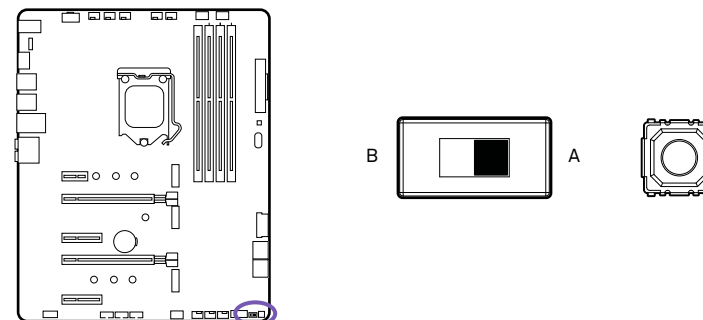
Clear CMOS Button

The Clear CMOS button located on the rear I/O can be used to revert BIOS settings to default. To clear CMOS, turn off the power and remove the AC power to the power supply. Allow 30 seconds to ensure no standby power exists. Press and hold the Clear CMOS button for 3 seconds.



Dual BIOS Switch and ROM Backup

Located here is the “Dual BIOS switch” and “ROM_BACKUP” button. The N7 has two built-in BIOS ROMs with the Primary set to A. If the Primary fails, you can switch to B to load the Secondary BIOS ROM and revert the Primary BIOS back to factory (see BIOS Back Up).



BIOS Back Up

When the Primary BIOS fails, perform the following steps to revert to the factory BIOS.

- Turn off the power and remove the AC power to the power supply. Allow 30 seconds to ensure no standby power exists.
- Flip the “Dual BIOS switch” to B and reconnect power to the power supply. The ROM LED will glow indicating the Secondary BIOS has been loaded.
- Boot into BIOS and navigate to Power Management under the Advanced Menu. Disable EUP Function then proceed to save changes and reboot.
- Power off the PC and press and hold the “ROM_BACKUP” button for 5 seconds.
- The ROM LED will blink indicating it is currently loading the Secondary BIOS ROM into the Primary BIOS ROM.
- Back up is finished if the ROM LED remains on.
- Turn off the power and remove the AC power to the PC. Allow 30 seconds to ensure no standby power exists.
- Flip the switch to side A to load the Primary BIOS.

APPENDIX

4. NZXT WARRANTY

I. Warranty Length

NZXT motherboards carry a 4-year warranty from the date of purchase for parts and labor. Any replacement product will be warranted for the remainder of the warranty period or thirty days, whichever is longer. Proof of purchase is required for warranty service.

II. Who Is Protected

The Warranty covers only NZXT products purchased by the original consumer from authorized NZXT retailers.

III. What Is Covered

Please note that our warranty is not an unconditional guarantee. If the product, in NZXT's opinion, malfunctions within the warranty period, NZXT will at its discretion repair or replace the product that is equal or greater in value depending on supply. The warranty does not cover any NZXT product that was damaged due to accident, misuse, abuse, improper installation, usage not in accordance with product specifications and instructions, natural or personal disaster, or unauthorized alterations, repairs or modifications.

Our warranty does not cover the following:

Any product or serial number/warranty sticker modification applied without permission from NZXT. Any damage that is not a manufacturing defect. Damage, deterioration or malfunction resulting from accident, abuse, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification or failure to follow instructions included with the product. Repair or attempted repair by anyone not authorized by NZXT. Shipping or transport damage (claims must be made with the carrier) Normal wear and tear. NZXT does not warrant that this product will meet your requirements. It is your responsibility to determine the suitability of this product for your purpose. Removal or installation charges. Shipping charges. Any incidental charges.

IV. Exclusion Of Damages (Disclaimer)

NZXT's sole obligation and liability under this warranty is limited to the repair or replacement of a defective product at our option. NZXT shall not, in any event, be liable for any incidental or consequential damage, including but not limited to damages resulting from interruption of service and loss of data, business, or for liability in tort relating to this product or resulting from its use or possession.

V. Limitations Of Implied Warranties

There are no other warranties, expressed or implied, including but not limited to those of merchantability or fitness for a particular purpose. The duration of implied warranties is limited to the warranty length specified in Paragraph I.

VI. Local Law And Your Warranty

This warranty gives you specific legal rights. You may also have other rights granted under local law. These rights may vary.

VII. To Obtain Technical Support

If you have already referenced your product owner's manual and still need help, please visit support.nzxt.com for details and contact information.

VIII. For Warranty Service

In the event that warranty repair or replacement is necessary, NZXT will request and you must provide proof of purchase (store receipt or invoice) in order to receive warranty service.

North American Customers:

Within the first 60 days after purchase, please return your product (or for power supplies installed within our enclosures, just the failed power supply) to your dealer or reseller for a replacement. If the product is still within warranty and you can no longer return it to your dealer, please contact NZXT Customer Support (support.nzxt.com) for assistance and instructions. NZXT will not accept returns without prior approval and an RMA number.

In Europe:

Within the first year after purchase, please return your product (or for power supplies installed within our enclosures, just the failed power supply) to your dealer or reseller for a replacement. If the product is still within warranty and you can no longer return it to your dealer, please contact NZXT Customer Support for assistance and instructions. NZXT will not accept returns without prior approval.

Global Customers (Outside North America and Europe):

If your product needs to be returned or repair within the warranty period, please do so through the retailer or distributor from whom you purchased the product. If you can no longer return the product to your dealer, please contact NZXT Customer Support for assistance. Please note, proof of purchase from an authorized NZXT retailer is required for ALL warranty servicing.

Warranty terms for all NZXT products sold to Australia:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and or compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure' (NZXT Corporation, 13164 E. Temple Ave., City of Industry, CA 91746, USA TEL: +1-800-228-9395) Please contact the shop you purchased from to receive prompt service. If the dealer refuses to offer the service, please contact us at directly at support.nzxt.com

- > Visit support.nzxt.com for information on warranty coverage and service
- > Visite el sitio Web support.nzxt.com para obtener información sobre la cobertura y el servicio de la garantía
- > Visitez support.nzxt.com pour les informations de la couverture de la garantie et du service
- > Informationen zu Geltungsbereich und Service der Garantie finden Sie unter support.nzxt.com
- > Подробную информацию об условиях гарантийного обслуживания см. на веб-сайте support.nzxt.com
- > 保証範囲およびサービスに関する情報については、support.nzxt.com にアクセスしてください
- > 請訪問 support.nzxt.com 了解產品保固範圍和更多服務訊息

5. SUPPORT AND SERVICE

Support and service

If you have any questions or problems with the NZXT product you purchased, please don't hesitate to contact us using our support system. support.nzxt.com. Please include a detailed explanation of your problem and your proof of purchase. For comments and suggestions, you can e-mail our design team, designer@nzxt.com. Lastly we would like to thank you for your support by purchasing this product. For more information about NZXT, please visit us online. NZXT Website: nzxt.com

Soporte y servicio

Si tiene preguntas o problemas con el producto NZXT que usted compró, no dude en ponerse en contacto con service@nzxt.com y suministrar una explicación detallada de su problema así como su prueba de compra. Puede hacer consultas sobre piezas de repuesto en support.nzxt.com. Para comentarios y sugerencias, escriba un mensaje de correo electrónico a nuestro equipo de diseño: designer@nzxt.com. Gracias por comprar un producto NZXT. Para más información acerca de NZXT, visítenos en línea. Página web de NZXT: nzxt.com

Support et service

Si vous avez des questions ou des problèmes avec le produit NZXT que vous avez acheté, n'hésitez pas à contacter service@nzxt.com avec une description détaillée de votre problème et votre preuve d'achat. Vous pouvez aussi commander des pièces de remplacement auprès support.nzxt.com. Pour les commentaires et les suggestions, envoyez un email à notre équipe de design, designer@nzxt.com. Merci d'avoir acheté ce produit de NZXT. Pour plus d'informations sur NZXT, visitez notre site Web. Site Web de NZXT : nzxt.com

Kundendienst und service

Falls Fragen oder Probleme bezüglich Ihres NZXT-Produktes auftreten, wenden Sie sich bitte mit einer detaillierten Problembeschreibung und Ihrem Kaufbeleg an service@nzxt.com. Ersatzteile können Sie unter support.nzxt.com anfragen. Kommentare und Anregungen senden Sie bitte per designer@nzxt.com an unser Designteam. Vielen Dank, dass Sie ein NZXT-Produkt erworben haben. Weitere Informationen über NZXT erhalten Sie im Internet. NZXT-Webseite: nzxt.com

Служба поддержки и обслуживания

В случае возникновения вопросов или неисправностей в приобретенных вами продуктах NZXT обращайтесь по адресу: service@nzxt.com с подробным описанием проблемы и подтверждением покупки. О наличии запчастей можно узнать, обратившись по адресу: support.nzxt.com. Замечания и предложения отправляйте в адрес нашей группы разработчиков: designer@nzxt.com. Благодарим вас за покупку продукта NZXT. Более подробная информация о компании NZXT представлена на наших веб-сайтах. Веб-сайт NZXT: nzxt.com

サポートおよびサービス

購入されましたNZXTの製品に関するご質問または問題は、問題の詳細および購入の証明を添えて、ご遠慮なくservice@nzxt.comまでご連絡ください。交換部品はsupport.nzxt.comまでお尋ねください。ご意見およびご提案は弊社設計チーム、designer@nzxt.comまでメールを送信してください。NZXT製品をご購入いただきましてありがとうございます。NZXTに関する詳細は、インターネット上のウェブサイトをご覧ください。NZXT ウェブサイト: nzxt.com

支援和服務

如果在使用NZXT 產品的過程中有遇到任何問題或疑問，歡迎聯繫 service@nzxt.com，並請提供問題的詳細敘述及購買證明。您可以透過 support.nzxt.com 查詢更換部件。如有任何意見或建議，歡迎來信與設計團隊聯繫 designer@nzxt.com。最後，感謝您購買 NZXT 產品。有關 NZXT 的更多信息，請訪問我們的網站。NZXT 網站：nzxt.com

6. REGULATORY NOTICES

FCC Compliance Statement

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 the receiver
- Connect the equipment onto 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

Shielded interconnect cables and a shielded AC power cable must be employed with this equipment to ensure compliance with the pertinent RF emission limits governing this device. Changes or modifications not expressly approved by the system's manufacturer could void the user's authority to operate the equipment.

Declaration of Conformity

I. This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation.

II. This device is in conformity with the following EC/EMC directives:

EN 55022	Limits and methods of measurement of radio disturbance characteristics of information technology equipment
EN 61000-3-2	Disturbance in supply systems caused
EN 61000-3-3	Disturbance in supply systems caused by household appliances and similar electrical equipment "Voltage fluctuations"
EN 55024	Information technology equipment-immunity characteristics – Limits and methods of measurement
EN 60950	Safety for information technology equipment including electrical business Equipment

III. CE Conformity

NZXT Inc, declares that this device is in compliance with the essential safety requirements and other relevant provisions set out in the European Directive.

IV. Canadian Department of Communications

This class B digital apparatus meets all requirements of the Canadian Interference-causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

7. HAZARDOUS SUBSTANCES

有毒有害物质及元素

RoHs Compliance

台灣RoHS相關資訊：限用物質含有情況標示

單元	限用物質及其化學符號					
	(Pb) 鉛	(Hg) 汞	(Cd) 鎘	(Cr (VI)) 六價鉻	(PBB) 多溴聯苯	(PBDE) 多溴二苯醚
印刷電路板	○	○	○	○	○	○
電子元件	●	○	○	○	○	○
機構元件	●	○	○	○	○	○
線材	●	○	○	○	○	○
配件	●	○	○	○	○	○

○ 係指該項限用物質之百分比含量未超出百分比含量基準值。

● 係指該項限用物質為排除項目。

产品中有害物质的名称及含量

部件名称	有毒有害物质及元素					
	(Pb) 鉛	(Hg) 汞	(Cd) 鎘	(Cr (VI)) 六價鉻	(PBB) 多溴聯苯	(PBDE) 多溴二苯醚
鈕扣電池	●	○	○	○	○	○
印刷電路板	●	○	○	○	○	○
電子元器件	○	○	○	○	○	○
機構元器件	○	○	○	○	○	○
線材	○	○	○	○	○	○
配件	○	○	○	○	○	○

本表格依据 SJ/T 11364 的规定编制。

○ 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

● 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。

8. BATTERY INFORMATION



European Union

Batteries, battery packs, and accumulators should not be disposed of as unsorted household waste. Please use the public collection system to return, recycle, or treat them in compliance with the local regulations.



Taiwan

For better environmental protection, waste batteries should be collected separately for recycling or special disposal.



California, USA

The button cell battery may contain perchlorate material and requires special handling when recycled or disposed of in California. For further information please visit:
<http://www.dtsc.ca.gov/hazardouswaste/perchlorate>



- There is a risk of explosion, if battery is incorrectly replaced. Replace with the same or equivalent type recommended by the manufacturer.

9. WEEE (WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT) STATEMENT

English

To protect the global environment and as an environmentalist, NZXT must remind you that...

Under the European ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2012/19/EU, effective February 14, 2014, products of "electrical and electronic equipment" cannot be discarded as municipal wastes, and manufacturers of covered electronics must take back such products at the end of their useful life. NZXT will comply with the product take back requirements at the end-of-life of NZXT products that are sold within the EU. You can return these products to local collection points.



Deutsch

Hinweis von NZXT zur Erhaltung und Schutz unserer Umwelt

Gemäß der Richtlinie 2012/19/EU über Elektro- und Elektronik-Altgeräte dürfen Elektro- und Elektronik-Altgeräte nicht mehr als kommunale Abfälle entsorgt werden. NZXT hat europaweit verschiedene Sammel- und Recyclingunternehmen beauftragt, die in die Europäische Union in Verkehr gebrachten Produkte, am Ende seines Lebenszyklus zurückzunehmen. Bitte entsorgen Sie dieses Produkt zum gegebenen Zeitpunkt ausschliesslich an einer lokalen Altgerätesammelstelle in Ihrer Nähe.

Español

NZXT como empresa comprometida con la protección del medio ambiente, recomienda:

Bajo la directiva 2012/19/EU de la Unión Europea en materia de desechos y/o equipos electrónicos, con fecha de rigor desde el 14 de febrero de 2014, los productos clasificados como "eléctricos y equipos electrónicos" no pueden ser depositados en los contenedores habituales de su municipio, los fabricantes de equipos electrónicos, están obligados a hacerse cargo de dichos productos al término de su período de vida. NZXT estará comprometido con los términos de recogida de sus productos vendidos en la Unión Europea al final de su periodo de vida. Usted debe depositar estos productos en el punto limpio establecido por el ayuntamiento de su localidad o entregar a una empresa autorizada para la recogida de estos residuos.

Français

En tant qu'écologiste et afin de protéger l'environnement, NZXT tient à rappeler ceci...

Au sujet de la directive européenne (EU) relative aux déchets des équipements électriques et électroniques, directive 2012/19/EU, prenant effet le 14 février 2014, que les produits électriques et électroniques ne peuvent être déposés dans les décharges ou tout simplement mis à la poubelle. Les fabricants de ces équipements seront obligés de récupérer certains produits en fin de vie. NZXT prendra en compte cette exigence relative au retour des produits en fin de vie au sein de la communauté européenne. Par conséquent vous pouvez retourner localement ces matériels dans les points de collecte.

10. REVISION HISTORY

Version 1.0, 2018/08/02

