

# GEFORCE RTX" 2080 Ti

**USER GUIDE** 

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# 01 INTRODUCTION

Thank you for choosing the NVIDIA® GeForce RTX™ 2080 Ti graphics card.

The GeForce® RTX 2080 Ti is powered by the all-new NVIDIA Turing™ architecture to give you incredible new levels of gaming realism, speed, power efficiency, and immersion. This is graphics reinvented.

## **About This Guide**

This installation guide discusses the installation and operation of the NVIDIA GeForce RTX 2080 Ti graphic card.

# **Minimum System Requirements**

#### Motherboard

PCI Express® or up to PCI Express 3.0-compliant motherboard with one dual-width x16 graphics slot.

#### > System Power Supply

Minimum 650 W or greater system power supply with two 8-pin PCI Express supplementary power connectors.

### > Operating System

- Microsoft® Windows® 10, 64-bit (April 2018 update or later)
- Microsoft Windows 7, 64-bit
- Linux, 64-bit

#### > System Memory

8 GB system memory (16 GB recommended)

- Internet connection for driver installation
- > 1.5 GB of available hard disk space

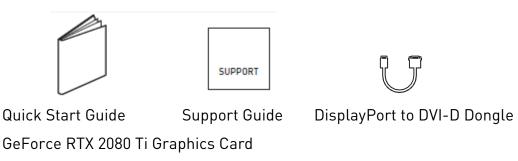
# 02 UNPACKING

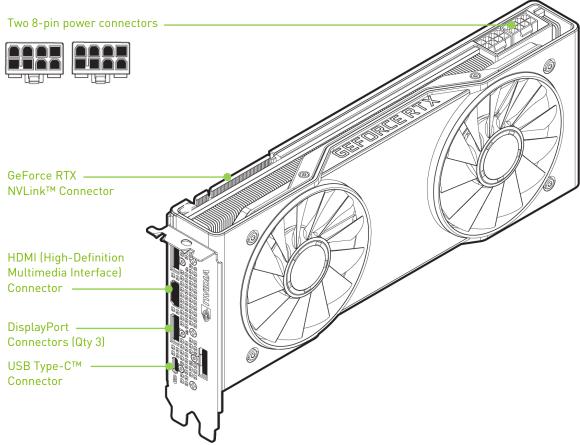
Prior to unpacking your new NVIDIA GeForce RTX 2080 Ti graphics card, it is important to make sure you meet all the system requirements listed on page 4 for a smooth installation.

Be sure to inspect each piece of equipment shipped in the packing box. If anything is missing or damaged, contact your reseller.

# **Equipment**

The following equipment and documentation are included in the GeForce RTX 2080 Ti graphics card box.





GeForce RTX 2080 Ti Graphics Card

# 03 HARDWARE INSTALLATION

Installing the NVIDIA GeForce graphics card hardware involves opening your computer. RTX 2080 Ti Follow all the safety instructions provided here to ensure that there is no damage to you, your computer, or the graphics board.

# **Safety Instructions**

To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions.



Note: All hardware must be installed prior to installation of the drivers.

- Remove power from your computer by disconnecting the AC main source before installation.
- > Do not operate this product near water or when your hands or body are wet.
- > Do not place this product on soft surfaces that could block the ventilation slots and cause overheating.
- > Do not place this product near a heating register or radiator.
- Place this product securely on a stable surface. Serious damage to this product may result if it falls.
- > Do not allow anything to rest on the power cord. Do not place this product where a person can step or trip on the power cord.

# **Before You Begin**

The GeForce RTX 2080 Ti graphics card is a PCI Express  $3.0 \times 16$  graphics card. Your computer may already have a graphics card installed in the PCI Express slot. If so, you will need to remove that graphics card and replace it with the GeForce RTX 2080 Ti graphics card.

If you do not have a graphics card, this means that your motherboard has onboard graphics (there is a graphics chip installed on your motherboard or integrated in the motherboard chipset). If this is the case, there is no action that needs to be taken before installing your new graphics card.

Use the RTX 2080 Ti graphics card with UL Listed ITE Personal Computer (PC)/Server.

# **Installing the GeForce Graphics Card**

Because there are so many different computer systems on the market, the procedure to install the GeForce RTX 2080 Ti graphics card can vary from system to system. Use the following instructions as a guideline and consult the documentation for your computer system for any further information on your individual system.



**Note**: It is important that all power to the computer be disconnected before you install the graphics card.

Discharge your body's static electricity by touching a grounded surface before touching the graphics card. A grounded surface is the computer chassis, or some other surface you know to be grounded.



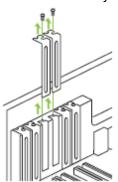
**ATTENTION:** If your system has been running for a while prior to opening the panels, it is very important that you wait until the graphics card in your system has cooled before taking the card out of the system. Graphics cards get very hot when they have been operating for any length of time.

Use the following procedure to install the GeForce RTX 2080 Ti graphics card into your computer system.

1 Turn off your computer and monitor and disconnect the power cord.

Depending on your computer system, you may need to disconnect the cable going to the back of your system. Mark the cables so you can make sure you reconnect them properly.

- 2 Open your computer by removing the cover/side panel. Refer to your computer documentation from the original manufacturer for assistance.
- 3 Remove any existing graphics card (if there is one). Save hardware (such as screws and brackets) to use when installing the NVIDIA graphics card.
- 4 Remove two adjacent slot covers if you do not have a graphics card installed.

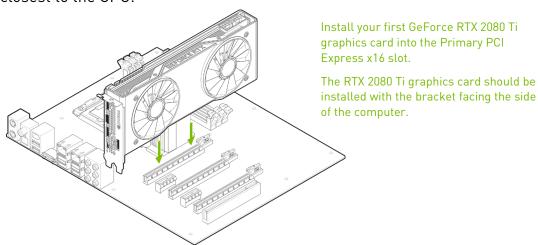


Remove two adjacent slot covers that corresponds to the PCI-Express slot you are installing the GeForce RTX 2080 Ti graphics card in.



**Note**: The GeForce RTX 2080 Ti card is double-wide and requires removing two slot covers.

Plug the GeForce RTX 2080 Ti graphics card into the Primary PCI Express x16 slot on your motherboard. This is often the slot closest to the CPU but may be the second or third slot. Look for the slot labeled ×16. It will likely be the only PCI Express slot with a retention lever on the end of the slot or the one closest to the CPU.





**Note:** It is recommended that you install the graphics card into the primary PCI Express x16 slot. If you install the graphics card into the secondary slot, your system may not recognize the graphics card and there will be nothing displayed on the monitor.

Also note that on some motherboard SBIOS, the physical location of the primary slot can be configured when there are more than one PCI Express x16 slots.

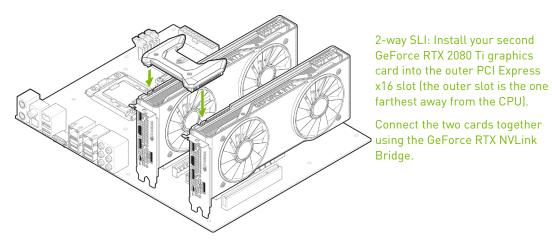
If you are installing additional RTX 2080 Ti graphics cards for an NVLink configuration, continue with step 6. If you are only installing one GeForce card, go on to step 7.

6 Install a second GeForce RTX 2080 Ti graphic card (NVLink configuration). Install the second GeForce card into the outer most PCI Express x16 slot on the motherboard.

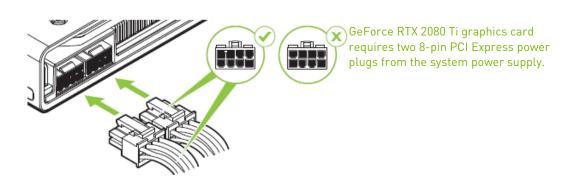
Connect the two cards together using the GeForce RTX NVLink Bridge (3-Slot or 4-Slot).



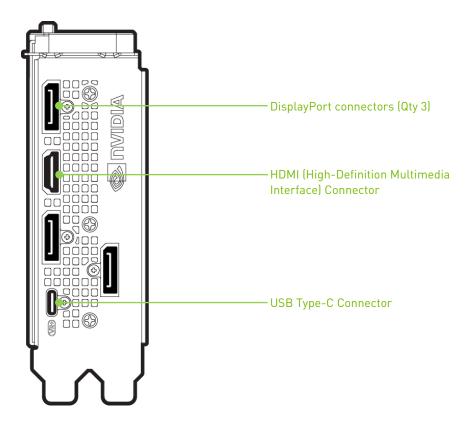
Note: GeForce RTX NVLink Bridge can be found on www.nvidia.com..



7 Connect two 8-pin power connectors from the power supply to the power connectors on the top edge of the GeForce RTX 2080 Ti graphics card. Note that the connector and socket on the graphics card have a unique shape and connect one way only.



Reinstall the cover on your computer and reconnect any cables that you removed earlier in the installation.



# 04 SOFTWARE INSTALLATION

With the hardware installed, it is now time to install the GeForce Experience software and the graphics driver.

# **GeForce Experience Software Installation**

- 1 Download and install GeForce Experience software.
  - Go to <a href="http://www.geforce.com/geforce-experience/download">http://www.geforce.com/geforce-experience/download</a> and click
     Download Now.
  - Accept the NVIDIA software license agreement by selecting Agree and Continue. GeForce Experience software begins to install.
  - Select Close to finish the installation.
- 2 Optimize your installed games.
  - Open GeForce Experience and click Scan for Games and click OK to scan your installed games.
  - Click on Optimize All to optimize your game settings.
- 3 Install the latest drivers.
  - Open GeForce Experience and select the **Drivers** tab.
  - Select Download Driver. Your GPU driver begins to download.
  - Select **Express Installation** when the download finishes. GeForce Experience begins to install the graphics driver.



**Note:** It may take several minutes for the installation to take place. Your screen may go blank for a few seconds one or more times during installation. This is normal.

Click CLOSE when the driver install completes.

# Congratulations!

Your GeForce RTX 2080 Ti graphics card is now ready to use!



**Note:** If you have any questions about your NVIDIA product you can Chat live with NVIDIA Customer Care at <a href="https://www.nvidia.com/support or call 1-800-493-4578">www.nvidia.com/support or call 1-800-493-4578</a> (US) or 0800-404-7747 (UK).

# 05 CONFIGURING SLI (NVLink)

SLI is a revolutionary technology developed by NVIDIA that allows you to connect identical GeForce graphics cards together to deliver increased performance.

You can enable SLI by either clicking on the SLI-capable system balloon in the system tray or by going to the NVIDIA Control Panel.



**Note:** You must have an SLI-ready motherboard and two identical SLI-ready GeForce RTX 2080 Ti graphics cards installed in your PC in order to enable SLI.

# **Accessing the NVIDIA Control Panel**

To access the NVIDIA Control Panel, you can right-click the Windows desktop and select **NVIDIA Control Panel** from the menu. Other ways to access the NVIDIA Control Panel depends on the operating system.

# **Enabling / Disabling SLI**

- Once you have the NVIDIA Control Panel open, click on **Configure SLI**, **Surround**, **PhysX** in the left task pane.
- 2 Enable SLI by making sure the **Disable SLI** button is not checked.



# 06 CONFIGURING HDMI

Connecting HDTV via HDMI allows you to output both digital audio and video from your graphics card to an HDTV.

# **Enabling Audio Over HDMI**

If you are connecting to your display over HDMI, you may need to set the HDMI output to be your default audio device.

- Select Start → Control Panel → Sound.
- 2 On the Playback tab, select your HDMI display and select
- 3 Set Default.

Congratulations! Your GeForce graphics card(s) is now ready to use!

For detailed instructions on using the NVIDIA Control Panel, consult the **Control Panel User's Guide** found at <u>www.geforce.com/drivers</u> (select your driver, then click on **Control Panel User's Guide** to download the User's Guide).

# **07** FEATURES

- NVIDIA GeForce Experience™: Capture and share videos, screenshots, and livestreams with friends. Keep your drivers up to date and optimize your game settings. GeForce Experience lets you do it all. It is the essential companion to your GeForce graphics card.
- > Game Ready Drivers: Get the highest levels of performance, and the smoothest experience possible from the moment you start playing.
- NVIDIA ShadowPlay™: Record and share high-quality gameplay videos, screenshots, and livestreams with your friends.
- > NVIDIA Ansel: Turn your screenshots into art with this powerful in-game photo mode that captures 360, HDR, and super-resolution photos.
- NVIDIA G-SYNC™-Ready¹: Get smooth, tear-free gameplay at refresh rates up to 240 Hz, plus HDR, and more.
- > Microsoft® DirectX® 12 Support: Power new visual effects and rendering techniques for more lifelike gaming.
- **DisplayPort:** Drive the latest DisplayPort panels with support for resolutions up to 4096x2160.
- > HDMI<sup>2</sup>: Support for HDMI includes 4K resolution at 60 Hz, GPU-accelerated Blu-ray 3D support, x.v.Color, HDMI Deep Color, and 7.1 digital surround sound.

<sup>&</sup>lt;sup>1</sup> NVIDIA G-SYNC requires an NVIDIA G-SYNC-ready monitor

<sup>&</sup>lt;sup>2</sup> Blu-ray 3D playback requires the purchase of a compatible software player from CyberLink or Corel. Upgrade your GPU to full 3D capability with NVIDIA 3DTV Play software, enabling 3D gaming, picture viewing and 3D web video streaming. See <a href="https://www.nvidia.com/3dtv">www.nvidia.com/3dtv</a> for more details.

# 08 COMPLIANCES

The NVIDIA GeForce RTX 2080 Ti graphics card is compliant with the following regulations:

- > Federal Communications Commission (FCC)
- > Industry Canada (IC)
- > Conformité Européenne (CE)
- > Australian Communications and Media Authority (C-tick)
- > Voluntary Control Council for Interference (VCCI)
- > Bureau of Standards Metrology and Inspection (BSMI)
- Korean Certification (KC)
- Underwriters Laboratories (UL, cUL)
- > ISO 9241-307 Visual Display Ergonomics

# UNITED STATES Federal Communications Commission (FCC)



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 any interference that may cause undesired operation of the device.

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.

**FCC Warning:** The FCC requires that you be notified that any changes or modifications to this device not expressly approved by the manufacturer could void the user's authority to operate the equipment.

# **UNDERWRITERS LABORATORIES (UL)**



### CANADA

#### Innovation, Science and Economic Development Canada (ISED)

CAN ICES-3(B)/NMB-3(B)

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause 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.

## **EUROPEAN UNION**

## European Conformity; Conformité Européenne (CE)



This device bears the CE mark accordance with Directive 2014/30/EU and 2011/65/EU.

This device complies with the following Directives:

- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU for hazardous substances

A copy of the Declaration of Conformity to the essential requirements may be obtained directly from NVIDIA GmbH (Floessergasse 2, 81369 Munich, Germany).

## **JAPAN**

#### **Voluntary Control Council for Interference (VCCI)**



この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

#### Japan RoHS Material Content Declaration

日本工業規格JIS C 0950:2008により、2006年7月1日以降に販売される特定分野の電気および電子機器について、製造者による含有物質の表示が義務付けられます。

機器名称: グラフィックカード

N. J. A. Mezz	特定化学物質記号							
主な分類	Pb	Hg	Cd	Cr(VI)	PBB	PBDE		
PCBボード	0	0	0	0	0	0		
パッシブ電子部品	除外項目	0	0	0	0	0		
アクティブ電子部品	除外項目	0	0	0	0	0		
ケーブル/コネクター	除外項目	0	0	0	0	0		
プロセッサー	0	0	0	0	0	0		
メモリ	0	0	0	0	0	0		
機械部品	除外項目	0	0	0	0	0		
はんだ付け材料	0	0	0	0	0	0		
フラックス、クリームはんだ、ラベル、 その他消耗品	0	0	0	0	0	0		

#### 注:

- 1. [0] は、特定化学物質の含有率が日本工業規格JIS C 0950:2008に記載されている含有率基準値より低いことを示します。
- 2. 「除外項目」は、特定化学物質が含有マークの除外項目に該当するため、特定化学物質について、日本工業規格JIS C 0950:2008に基づく含有マークの表示が不要であることを示します。
- 3. [0.1wt%超] または [0.01wt%超] は、特定化学物質の含有率が日本工業規格JIS C 0950:2008 に記載されている含有率基準値を超えていることを示します。

A Japanese regulatory requirement, defined by specification JIS C 0950: 2008, mandates that manufacturers provide Material Content Declarations for certain categories of electronic products offered for sale after July 1, 2006.

Product Model Number: Graphic card

Major Classification	Symbols of Specified Chemical Substance							
Major Classification	Pb		Cd	Cr(VI)	PBB	PBDE		
PCB	0	0	0	0	0	0		
Passive components	Exempt	0	0	0	0	0		
Active components	Exempt	0	0	0	0	0		
Cables/Connectors	Exempt	0	0	0	0	0		
Processor	0	0	0	0	0	0		
Memory	0	0	0	0	0	0		
Mechanicals	Exempt	0	0	0	0	0		
Soldering material	0	0	0	0	0	0		
Flux, Solder Paste, label and other consumable materials	0	0	0	0	0	0		

#### Notes:

- 1. "0" indicates that the level of the specified chemical substance is less than the threshold level specified in the standard, JIS C 0950: 2008.
- 2. "Exempt" indicates that the specified chemical substance is exempt from marking and it is not required to display the marking for that specified chemical substance per the standard, JIS C 0950: 2008.
- 3. "Exceeding 0.1wt%" or "Exceeding 0.01wt%" is entered in the table if the level of the specified chemical substance exceeds the threshold level specified in the standard, JIS C 0950: 2008

## **KOREA**

#### Radio Research Agency (RRA)



#### **Korea RoHS Material Content Declaration**

B급 기기	이 기기는 가정용(B급) 전자파적합기기로서 주
	로 가정에서 사용하는 것을 목적으로 하며, 모
	든 지역에서 사용할 수 있습니다.

#### **Korea RoHS Material Content Declaration**

Confirmation and Evaluation Form Concerning the Adherence to Acceptable Standards of Hazardous Materials								
Contained in Products								
	Company Name:		Nvidia HongKong		Corporate Identification		110181-	
Statement			Holding Ltd.Korea branch		Number:		0036373	
Prepared	Name of Company Representative:		Varan Tharas	o Duras	Business Registration		120-84-	
by			Karen Theresa Burns		Number:		06711	
	Address 2788 San Tomas Expressway, Santa (				y, Santa Clara,	Clara, CA 95051		
			Product In	formation				
Product Category: N/A				Name of Product:		N/A		
Detailed Pro	duct Model	N/A		Date of first market		N/A		
Name (Number):				release:		14/ 🗥		
Weight of Product: N/A		N/A		Manufacturer and/or		NVIDIA Corporation		
vveigitt of fi	oddet.	14//1		Importer:	NVIDIA Cor		JUI ALIUI I	

This for is publicly certify That NVIDIA Company has undergone the confirmation and evaluation procedures for the acceptable amounts of hazardous materials contained in graphic card according to the regulations stipulated in Article 3 of the 'Status on the Recycling of Electrical and Electronic Products, and Automobiles' and that company has graphic card adhered to the Enforcement Regulations of Article 11, Item 1 of the statute.

Attachment: None

- \* Preparing the Form
- ① Please indicate the product category according to the categories listed in Article 8, Items 1 and 2 of the 'Enforcement Ordinance of the Statute on the Recycling of Electrical, Electronic and Automobile Materials'
- ② For electrical and electronic products, please indicate the Model Name (and number). For automobiles, please indicate the Vehicle Identification Number.
- ③ Please indicate the name of manufacturer and/or importer of the product.

확인 및 평가 양식은 제품에 포함 된 유해 물질의 허용 기준의 준수에 관한

	상호 :	앤비디아홍콩홀딩즈		미디아홍콩홀딩즈리미티드(영업소) 법인등록번호		법인등록번호		
문 준비 대표자성명			카렌테레사번즈	사업자등록번호:		120-84- 06711		
	주소 서울특별시 강남구			· 영동대로 511, 2101호 ( 삼성동, 코엑스무역타워)				
			제품	등 내용				
제품의 종류 해당없음		2	제품명(규격)		해당없음			
세부모델명(번호): 해당없음		<u>)</u>	제품출시일		해당없음	-		
제품의 중량 해당없음		제조, 수입업자 앤		앤비디아				

엔비디아의 그래픽 카드제품은 전기 전자제품 및 자동차의 자원순환에 관한 법률 시행령 제 11조 제 1항에 의거한 법 시행행규칙 제 3조에에따른 유해물질함유 기준을 확인 및 평가한 결과, 이를 준수하였음을 공표합니다.

구비서류 : 없음

작성방법

- ① 제품의 종류는 "전기.전자제품 및 자동차의 자원순환에관한 법률 시행령" 제 8조 제 1항 및 제 2항에 따른 품목별로 구분하여 기재합니다.
- ② 전기 전자 제품의 경우 모델명 (번호), 자동차의 경우, 제원관리번호를 기재합니다.
- ③ 해당제품의 제조업자 또는 수입업자를 기재합니다.

# **AUSTRALIA/NEW ZEALAND**

## **Australian Communications and Media Authority**



This product meets the applicable EMC requirements for Class B, I.T.E equipment and applicable radio equipment requirements

## **TAIWAN**

Bureau of Standards, Metrology & Inspection (BSMI)



#### Taiwan RoHS Material Content Declaration

限用物質含有情况標示聲明書 Declaration of the presence condition of the Restricted Substances Marking 設備名稱:繪圖卡 Equipment Name: Graphic Card 限用物質及其化學符號 單元 Restricted substances and its chemical symbols 铅 Parts 六價铬 多溴聯苯 多溴二苯醚 镉 汞 (Pb) (Hg) (Cd) (Cr(VI)) (PBB) (PBDE) PCB板 0 0 0 O 0 0 PCB 結構件以及風扇 0 0 0 0 0 Mechanical parts and Fan 連接器 0 0 0 0 0 Connectors 被動電子零件 0 0 0 0 0 Passive components 處理器 0 0 0 0 0 0 Processor 主動電子零件 0 0 0 0 0 Active components 內存 0 0 0 0 0 0 Memory 線材 0 0 0 0 0 Cables 焊接金屬 0 O 0 O O 0 Soldering material 助焊劑,錫膏,標籤及耗材

備考1: O: 系指該限用物質未超出百分比含量基準值

Note 1: O: indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

0

0

0

0

備考2: -: 系指該项限用物質为排外项目。

Flux, Solder Paste, label and

other consumable materials

Note 2: -: indicates that the restricted substance corresponds to the exemption.

0

此表中所有名稱中含 "-" 的部件均符合歐盟 RoHS 立法。

All parts named in this table with an "-" are in compliance with the European Union's RoHS Legislation.

0

注:環保使用期限的參考標識取决與產品正常工作的温度和濕度等條件

Note: The referenced Environmental Protection Use Period Marking was determined according to normal operating use conditions of the product such as temperature and humidity.

# **CHINA**

#### **China RoHS Material Content Declaration**

10)

产品中有害物质的名称及含量

The Table of Hazardous Substances and their Content

根据中国《电器电子产品有害物质限制使用管理办法》

as required by Management Methods for Restricted Use of Hazardous Substances in Electrical and Electronic Products

N. H. J. W.	有害物质 Hazardous Substances						
部件名称 Parts	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联 苯 (PBB)	多溴二 苯醚 (PBDE)	
PCB板 PCB	0	0	0	0	0	0	
结构件以及风扇 Mechanical parts and Fan	Х	0	0	0	0	0	
连接器 Connectors	Х	0	0	0	0	0	
被动电子零件 Passive components	Х	0	0	0	0	0	
处理器 Processor	0	0	0	0	0	0	
主动电子零件 Active components	х	0	0	0	0	0	
内存 Memory	0	0	0	0	0	0	
线材 Cables	х	0	0	0	0	0	
焊接金属 Soldering material	0	0	0	0	0	0	
助焊剂,锡膏,标签及耗材 Flux, Solder Paste, label and other consumable materials	0	0	0	0	0	0	

本表格依据SJ/T 11364-2014 的规定编制

The table according to SJ/T 11364

- O: 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 标准规定的限量要求以下。
- **O**: Indicates that this hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572.

- X: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标准规定的限量要求。
- **X**: Indicates that this hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.

此表中所有名称中含"X"的部件均符合欧盟 RoHS 立法。

All parts named in this table with an "X" are in compliance with the European Union's RoHS Legislation.

注:环保使用期限的参考标识取决于产品正常工作的温度和湿度等条件

Note: The referenced Environmental Protection Use Period Marking was determined according to normal operating use conditions of the product such as temperature and humidity.

### INDIA

#### India RoHS Material Content Declaration

This product, as well as its related consumables and spares, complies with the reduction in hazardous substances provisions of the "India E-waste (Management and Handling) Rule 2016". It does not contain lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for where allowed pursuant to the exemptions set in Schedule 2 of the Rule.

	India RoHS Self-Declaration Form									
	(as per E-Waste (Management) Rules, 2016)									
Sr. No.	Product Category& Code (as Per Schedule I of E-Waste (M) Rules, 2016	Product name	Model No.	Product Weight (g)	Date of placing on market	Compliance with RoHS Yes/No	RoHS Information provided on product info booklet Yes/No	In case Product is imported from other country, name of the country manufactured		
i.	TEW2 (Graphic Card)	Graphic Card	N/A	N/A	N/A	Yes	Yes	China		

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