CFORCE

CF015xT
(15.6-inch)便携式显示器

安全信息

在使用本设备前，请仔细阅读产品包装内的说明书。

为了不损害机器内部的安全部件，请在安装，使用，维修时遵守以下规定：

1. 为防止火灾或电击危险，切勿使本产品遭受雨淋或受潮;

2. 在使用本设备之前，确保所有连接线连接正确并且电源线没有损坏，如有任何损坏，请立即与经销商联系;

3. 避免灰尘、潮温和极端温度，请勿将本设备放置在任何可受潮的区域中;使用时请将本设备放置在平稳的表面上;

4. 切勿将任何异物塞入或使任何液体溅入本设备机壳上的开口内;

5. 请使用随机器提供的电源线，如果使用别的电源线，而且不是经销商提供的，请确认是否符合国家的相关标准。电源线损坏时，请联系经销商进行更换;

6. 请使用电压为5V，电流为3A或以上的电源供电，符合供电需求的手机充电器，充电宝，USB3.0设备都可以为显示器供电，请勿使用低于5V 3A的供电电源为设备供电如果您不清楚电源类型,请向经销商询问;

7. 不要试图打开机器后壳，机器内没有用户可以维修的备件，出现异常时，请尝试与我们联系。

为避免人身伤害，请遵守以下规定：

1. 除非有安全措施，请不要将显示器放在倾斜的台面上;

2. 请勿掉落或丢掷物体、玩具到屏幕上，会造成人员受伤、产品损坏以及屏幕受损;

WARNING

Please read the user manual in the product packaging carefully before using the device.

In order not to damage the safety parts inside the machine, please observe thefollowing rules before installing.Using and repairing the device:

1. To avoid fire or electric shock, don't expose this product to rain or moisture;

2. Before using the device, make sure all cables are connected properly and the power cord is not damaged, if any Damage, please contact the dealer immediately;

3. Avoid dust, moisture and extreme temperatures. Don't place the device in any damp area. when using it Place the device on a stable surface;

4. Do not cut any foreign objects into or allow any liquid to splash into the openings in the unit's casing;

5. Please use the power cord provided by the machine, If you use another power cord, and it is not provided by the dealer, please make sure that it meets the relevant national standards. When the power cord is damaged,please contact the dealer for replacement;

6. Please use a power supply with a voltage of 9V and a current of 3A or above to meet the power supply requirements. Charging treasure, USB 3.0 devices can supply power to the display, do not use power supply less than 9V 3A . If you arenot sure about the type of power supply, please ask your dealer.

7. Don't attempt to open the rear case of the machine. There are no spare parts that the user can repair in the machine. If an abnormality occurs, please contact us.

To avoid personal injury, please observe the following rules:

1. Don't place the monitor on a sloping table unless safety measures are in place;

2. Don't drop or throw objects or toys onto the screen, which may result in personal injury,product damage and damage to the screen;

为防止其它伤害，请遵守以下规定：

1. 当您长时间离开时，请关闭显示器电源；

2. 勿让孩子将物品丢入或插入显示器内部；

3. 请勿安装不是为该设备专门设计的备件；

4. 当设备长时间无人看管的情况下，请拔下电源线插头；

5. 当闪电打雷时，请勿接触电源线或信号线，可能会造成触电危险；

6. 不要让任何物体压迫或缠绕电源线；

7. 不要将显示器放在容易损坏电源线的地方。

为了防止机器损坏，应避免以下情况出现：

1. 将显示器放在容易跌落的地方；

2. 将显示器放在散热器或热源附近；

3. 电源线是主要的隔离装置，必须放于易操作的地方；

不要用硬物摩擦屏幕，否则会擦伤或永久损坏屏幕。

不要用手指长时间按压屏幕，否则会产生拖影，严重时损坏屏幕。

屏幕上可能会出现红、绿、蓝像素坏点，但并不影响显示功能。

如果可能，请尽量使用推荐的分辨率，以获得最佳效果。

如果使用推荐分辨率以外的其它分辨率，可能会出现画面异常，但这是具有固定分辨率LCD/OLED面板的特性。

静止画面在屏幕长时间停留会对屏幕造成伤害并产生残影，请确保使用屏幕保护程序，残影和相关问题不在产品的保修范围内。

如果您在使用本设备的过程中遇到任何技术问题，请与专业技术服务人员或经销商联系。

To prevent other injuries, please observe the following rules:

1. When you leave for a long time, please turn off the monitor;

2. Do not allow children to throw or insert items into the monitor;

3. Do not install spare parts that are not specifically designed for this equipment;

4. Unplug the power cord when the device is left unattended for a long time.

5. When lightning strikes, do not touch the power cord or signal cable, it may cause electric shock;

6. Do not let any object compress or wrap the power cord;

7. Do not place the monitor where it can easily damage the power cord.

To prevent damage to the machine, the following should be avoided:

1. Place the monitor where it is easy to fall;

2. Place the monitor near a radiator or heat source;

3. The power cord is the main isolation device and must be placed in an easy-to-operate place.

Do not rub the screen with a hard object as it will scratch or permanently damage the screen.

Do not use your fingers to press the screen for a long time, otherwise it will produce smear and even damage the screen.


Red, Green, and Blue pixel defects may appear on the screen, but it does not affect the Monitor function.

If possible, try to use the recommended resolution for best results. Such as If you use a resolution other than the recommended resolution, a screen abnormality may occur. But this is a feature of a fixed resolution LCD/OLED panel.

A still picture on the screen for a long time will cause damage to the screen and produce afterimages.Please make sure to use the screen saver. The afterimage and related issues is not with in the scope of the warranty.

If you encounter any technical problems while using this device, please contact technical personnel or contact the dealer.

外观介绍 APPEARANCE INTRODUCTION

显示屏幕
Display screen

左面
Left

正面
Front

右面
Right

反面
Back

底部
Bottom
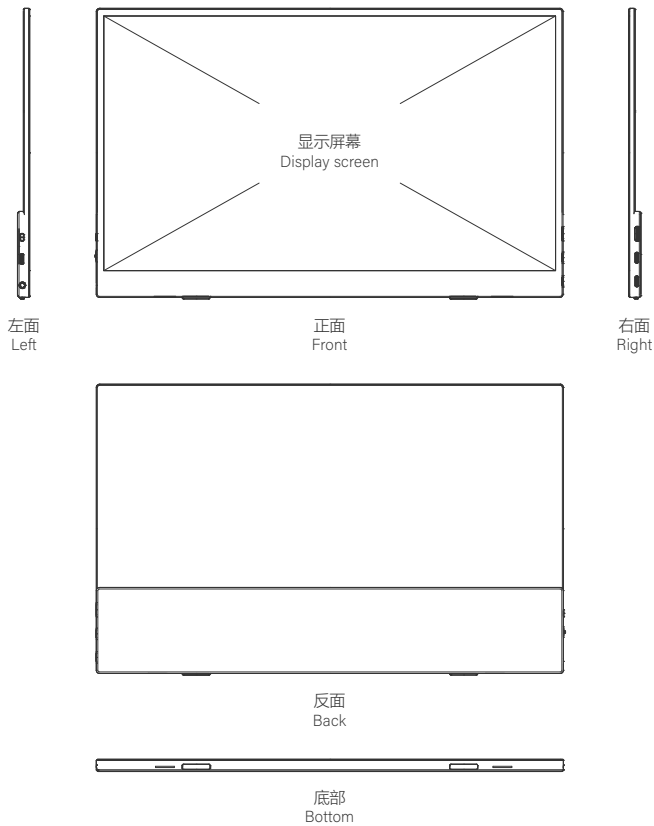
参数规格 SPECSIFICATION

产品名称 Product Name	便携式显示器
产品型号 Product model	CF015xT
外壳材质 Case material	铝质+玻璃 Aluminum+Glass
屏幕尺寸 Screen size	15.6英寸 15.6-inch
屏幕比例 Screen ratio	16:9
分辨率 Resolution	3840*2160 60Hz
像素间距 Pixel pitch	0.08964mm
可视角度 Viewing angle	178°
屏幕类型 Screen type	LCD
面板类型 Panel type	IPS
色位深度 Color depth	8 bit
触摸功能 Touch function	十点触控
屏幕类型 Display type	全面屏
外观尺寸 Size	355mm*221mm
厚度 Thickness	4.8mm~9.5mm
输入电压 Input voltage	USB-PD 5V~20V
内置音箱 Built-in speaker	标配
重量 Weight	741g
环境温度 Ambient temperature	0~35℃

注:尺寸、重量等规格均与测量工具及人员、环境等客观因素有关,可能出现误差, 如有误差属于正常现象,请以实际测量为准。如硬件参数有更新变动,未及时 更新以上参数信息,请以收到实物为准。

接口功能介绍 INTERFACE FUNCTION INTRODUCTION

以下适用两个全功能USB-C接口的机型。
The following models are available for the same function of the two USB-C interfaces.
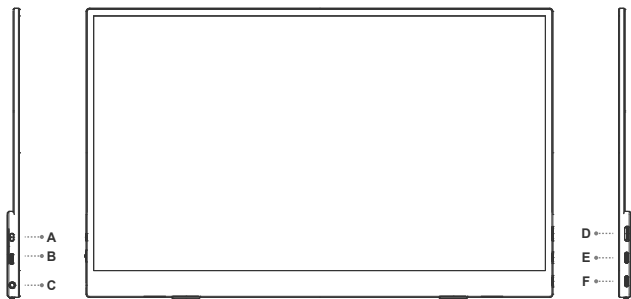
A 电源/返回键

- 长按3秒 **电源/返回键** 打开/关闭显示器
- 短按 **电源/返回键** 返回

A Power/Back button

- Press hold for 3 seconds **Power/back button** Turns the display on/off.
- Short press the **Power/Back button** to return.

B Type-C 接口

- 接上Type-C转USB-A的小配件，可连接 USB的设备使用，如键盘鼠标、U盘

B Type-C

- Connect the Type-C to USB-A gadgets, which can be connected to USB devices, such as keyboard and mouse, USB flash drive.

C 3.5mm耳机（Earphone jack）

耳机/音响扩展接口

C 3.5mm Earphone jack

Headphone/Sound box extension interface

D 迷你视频接口

负责音频视频信号传输

D Mini Video interface

Audio and Video signal transmission

E Type-C 全功能接口

支持音频视频信号传输，触控信号传输，支持正反插，支持反向充电兼容 PD 2.0 供电协议，支持5V 9V / 12V / 15V / 20V电压输入

E Type-C Full-featured interface

Support audio and video signal transmission, touch signal transmission, support forward and reverse plug, support reverse charging compatible with PD 2.0 power supply protocol, support 5V / 9V / 12V / 15V / 20V voltage input;

F Type-C 充电接口

通过C口适配器给显示器供电

E Type-C Charging port

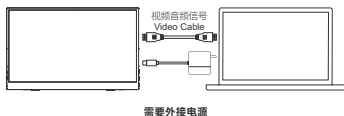Supply power to the display via port C adapter

功能简介

1.连接带有USB-C接口笔记本电脑

USB-C to USB-C
传输视频、音频
触控信号、供电

便携式显示器可以仅通过一根USB-C全功能数据线即可连接具有全功能USB-C接口的笔记本电脑，笔记本电脑可用于为便携式显示器供电，并可用于扩展显示或同屏显示。（一线直连情况可能会因功率输出不足导致便携式显示器无法100%发挥性能，建议搭配电源适配器使用）
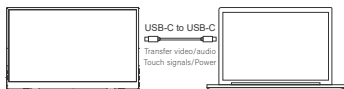
2. 连接带有视频接口的笔记本电脑

视频音频信号
Video Cable

需要外接电源

便携式显示器带有两种类型的视频端口，支持大多数主流计算机或者游戏主机视频输入。当使用非USB-C接口或具有USB-C视频输出功能且输出功率较低的设备进行投屏时，便携式显示器需要连接PD电源适配器。

INTRODUCTION

1.Connect a computer with a USB-C cable

USB-C to USB-C
Transfer video/audio
Touch signals/Power

The portable monitor can be connected to a notebook computer with a full-featured USB-C interface through only one USB-C full-feature cable, and the notebook computer can be used to power the portable monitor, and can be used for extended monitor or on-screen monitor at the same time. (The one-line direct connection may cause the portable monitor to fail to perform at 100% due to insufficient power output. It is recommended to use it with a power adapter)

2. Connect a computer with an video cable

Video/Audio signal
Video Cable

External power is required
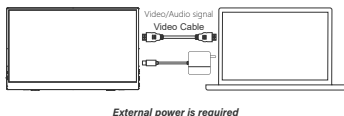
The portable monitor comes with two types of video ports that support most mainstream computer or game console video inputs. When using a non-USB-C interface or a device with a USB-C video output function with lower output power for screen projection, the portable monitor needs to be connected to a PD power adapter.
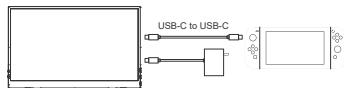
功能简介

3.连接任天堂Switch游戏主机
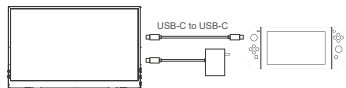
需要外接任天堂Switch原装适配器

便携显示器通过USB-C全功能线连接到Nintendo Switch游戏机，开启TV模式将游戏画面输出到便携显示器。便携式显示器必须连接支持 15V 的 PD 电源适配器。Nintendo Switch 游戏机 TV模式仅支持最高 1080P 的视频输出。

2. 连接带USB-C输出功能接口的手机

普通机型需要9V/3A或以上PD电源

便携式显示器通过 USB-C 全功能电缆连接到**具有视频输出的智能手机**，支持屏幕投影。不同品牌的手机可能有不同的内容或自定义 UI 以输出到便携式显示器。

显示器未连接外接电源时，由手机供电。节能模式会自动开启，屏幕会变暗。用户可以根据自己的需要调节亮度和音量。电量不足可能会导致显示器关闭或重新启动。

当便携式显示器连接到外部电源时，可以为智能手机充电。我们建议您使用至少 9V/3A 的 PD 充电器为便携式显示器和智能手机提供稳定的电源。更高功率的充电器可以为智能手机提供PD快充。
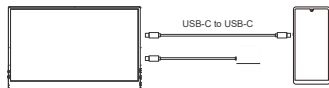
INTRODUCTION

5.Connect to Nintendo Switch Console

Nintendo Switch Console AC Adaptor

The portable monitor is connected to the Nintendo Switch game console through a USB-C full-feature cable, and the TV mode is turned on to output the game screen to the portable monitor. The portable monitor must be connected to a PD power adapter that supports 15V. Nintendo Switch game console TV mode only supports up to 1080P video output.

4. Connect a smart phone with USB-C cable
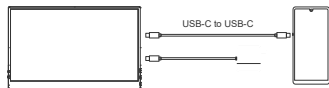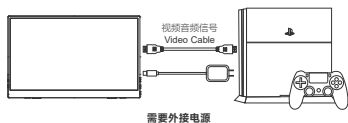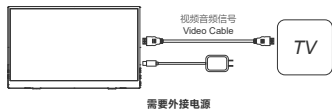

Ordinary models require 9V/3A or above PD Power

The portable monitor supports screen projection through a USB-C full-featured cable connected to *a smartphone with video output*. Different brands of phones may have different content or custom UI for output to portable monitor.

When no external power supply is connected to the monitor, it will be powered by the phone. Energy saving mode will automatically turn on and the screen will dim. Users can adjust the brightness and volume according to their needs. Insufficient power may cause the monitor to shut down or restart.

When the portable monitor is connected to an external power source, the smart phone can be charged. We recommend that you use at least a 9V/3A PD charger to provide stable power for portable monitors and smart phones. Higher power chargers can provide PD fast charging for smart phones.

功能简介

5.连接更多视频设备

视频音频信号
Video Cable

TV

需要外接电源

视频音频信号
Video Cable

需要外接电源

5.Connect more video devices

Video/Audio signal
Video Cable

TV

External power is required

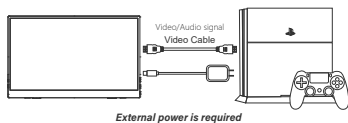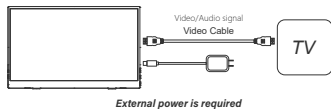Video/Audio signal
Video Cable

External power is required

操作注意事项:

1.两个USB-C口均可作为视频输入或电源输入。但它们不能同时用于相同的功能。（例如：如果一个 USB-C 端口用于电源输入，另一个 USB 端口用于视频输入）。

2.如果便携式显示器需要外接电源，请先连接电源线，然后再连接视频线。这对于高质量和流畅的视频信号传输很重要。

3.便携式显示器未连接外接电源时。节能模式将自动开启并限制最大亮度和最大音量。电量不足可能会导致便携式显示器关闭或重新启动。

Operational notes:

1. Both USB-C ports can be used as video input or power input. But they cannot be used for the same function at the same time. (Example: if one USB-C port is for power input, the other USB port is for video input).

2. If the portable monitor needs to be connected to an external power supply, please connect the power cable before connecting the video cable. This is important for high quality and smooth video signal transmission.

3. When no external power supply is connected to the portable monitor. Energy saving mode will automatically turn on and limit maximum brightness and maximum volume. Insufficient power may cause the portable monitor to shut down or restart.

常见问题及处理

Q： 便携式显示器接入电源适配器后可以为手机/笔记本电脑充电吗？

A： 可以，但是需要插入功率大于显示器本身消耗的功率的适配器，比如LCD类便携显示器本身最大消耗15W，插入的PD电源适配器需要大于15W才能给外部设备反向充电。

Q： 便携式显示器可以从电源适配器获取多少W的电能？

A： LCD类便携显示器最大消耗15w，4K OLED最大消耗30w，USB-C最高会从PD适配器申请60w，即使PD适配器功率超过60w。

Q： 屏幕显示无信号

A： 请确保使用全功能USB-C线，检查信号线是否正确连接到设备接口处，尝试重新插拔线材，接线顺序应为先接电源，再接信号线。

Q： 屏幕图像跳动或图像中出现波纹图案

A： 需要优先考虑供电是否足够，请插入PD电源适配器以提供充足的电源，同时确保线材正确连接在显示器和连接设备之间，移开可能导致电子干扰的电子设备。

Q： 屏幕图像颜色看起来不正确（色块，偏色等）

A： 检查视频信号线是否连接到位，如需准确的显示正确的颜色，需使用显示器色彩校准仪器校准。

Q： 屏幕显示器内容时出现闪烁

A： 屏幕出现闪烁需要优先考虑供电是否足够，C口投屏建议使用支持PD协议（5v/9v/15v/20v）30w以上电源，HDMI投屏不同型号功耗不一样，15w~30w，如果供电正常还有屏幕闪烁现象，建议联系售后处理。

COMMON PROBLEMS AND HANDLING

Q: Can the portable monitor charge the phone/laptop when plugged into the power adapter?

A: Yes, but you need to insert an adapter whose power is greater than the power consumed by the display itself. For example, an LCD portable display itself consumes a maximum of 15W, and the inserted PD power adapter needs to be greater than 15W to reverse charge external devices.

Q: How many watts of power can a portable monitor draw from a power adapter?

A: The maximum consumption of LCD portable displays is 15w, the maximum consumption of 4K OLED is 30w, and the maximum power consumption of USB-C will be 60w from the PD adapter, even if the power of the PD adapter exceeds 60w

Q: The screen shows no signal

A: Make sure to use the full-featured USB-C cable, check that the signal cable is properly connected to the device interface, and try to re-plug the cable. The wiring sequence should be the power supply first, then the signal cable.

Q: The screen image jumps or a ripple pattern appears in the image.

A: Make sure the wire is properly connected between the display and the connected device.Opening electronic devices that may cause electrical interference;

Q: The screen image color does not look right (color block, color cast,etc.)

A: Check the connecting wires to make sure there are no pins bent.

Q: Flicker when the screen display content.

A: When the screen flickers, it is necessary to prioritize whether the power supply is sufficient. For C-port screen projection, it is recommended to use a power supply that supports the PD protocol (5v/9v/15v/20v) of more than 30w. The power consumption of different HDMI screen projection models varies from 15w to 30w, If the power supply is normal and the screen flickers, it is recommended to contact the after-sales service for handling.

保养和清洁

清洁

1. 关闭显示器电源并拔掉电源线，使用不含麻且非研磨性的布清洁显示器表面，将布在中性清洁剂中蘸湿后擦除顽固污渍；

2. 不要使用包含酒精或丙酮的清洁剂，使用液晶专用清洁剂，切勿直接将清洁剂喷洒在屏幕上，否则清洁剂可能渗入显示器内并导致电击。

以下现象对于显示器来说是正常现象

1. 您可能会发现屏幕上的亮度稍微不均匀，这与您使用的桌面图案有关；

2. 同一图像显示数小时后，切换图像时可能残留前一个屏幕显示图像，但屏幕会慢慢恢复，或者您可以关闭电源开口数小时；

3. 当屏幕变黑或闪烁时或者无法继续工作时，请与经销商或服务中心联系进行修理，不要自行修理屏幕。

重新包装

勿将用过的包装扔掉，当需要发有可能遇到暴力运输的物流时，将显示器按原样进行重新包装。

处理

1. 不要把产品当做一般家庭废品处置；

2. 产品的处理必须遵照当地法规。

MAINTENANCE AND CLEANING

Clean

1. Turn off the monitor and unplug the power cord.A cloth that cleans the surface of the display and is clothed in a neutral detergent.Wipe stubborn stains after wet;

2. Do not use detergents containing alcohol or acetone, Use LCD with detergent, do not spray the cleaner directly on the screen, otherwise the cleaner may seep into the display and cause an electric shock.

The following phenomenon is normal for the display

1. You may find that the brightness on the screen is slightly uneven, This is may related to the desktop pattern that used;

2. After the same image is displayed for several hours, the previous screen may remain when switching images, but the screen will recover slowly, or you can turn off the power supply for several hours;

3. When the screen turns black or flashes or you cannot continue working, please contact your dealeror service center for repairs. Do not repair the screen yourself.

Repackage

Do not throw away used packaging, when it is necessary to encounter violenceWhen the logistics are lost, the display is repackaged as it is.

Disposal

1. Do not dispose of the product as general household waste;

2. Product handling must be in accordance with local regulations.

售后服务

本产品提供原厂1年保修服务

1. 商品自出售之日起7日内，出现《微型计算机商品性能故障表》中所列故障时，消费者可选择退货，换货或修理；

2. 商品自出售之日起15日内，出现《微型计算机商品性能故障表》中所列故障时，消费者可选择换货或修理；

3. 商品自出售之日起1年内，出现《微型计算机商品性能故障表》中所列故障时，消费者可选择修理。

以下情况不在三包范围内

1. 超过三包有效期；

2. 无有效的三包凭证；

3. 屏幕有3个或以下坏点，3个或以下亮点，5个或以下坏点亮点总数；

4. 未按产品使用说明书要求使用、维护、保养而造成损坏的（人为损坏）非授权的修理者拆动造成损坏的（私自拆修）；

5. 非在中国大陆（不含香港、澳门、台湾地区）销售的商品。

为了使您的合法权益受到保护，避免不必要的损失，对于下列原因导致显示器故障或损坏，我公司不承担免费保修义务，请您选择有偿服务

1. 已经超出有效的保修期；

2. 当出现液晶面板划伤、磕碰、变形、凹陷等状况；

3. 经过非授权服务人员拆动或修理的；

4. 意外因素或人为行为及外力造成损坏（包括操作失误、搬运、磕碰、输入不合适的电压等）；

5. 使用了非标准或未公开发行的软件或非标准的相关电脑部件（如：显示卡等）；

6. 自然灾害等不可抗拒力造成损坏（如：地震、火灾、水灾等）；

AFTER SALES SERVICE

This product provides original One year warranty service

1. Within 7 days from the date of sale, the micro-computer vendor consumers can choose to return the goods if defects listed in the Product Performance Fault Table happend, to ask for exchangen or repair;

2. Within 15 days from the date of sale, the micro-computer vendor Consumers can choose to exchange goods when the defects listed in the product performance fault table happened or ask for repair;

3. Within One year from the date of sale, the micro-computer vendor Consumers can choose to repair .when the defects listed in the Product Performance Fault Table happened.

The following conditions are not within the scope of the Three Guarantees

1. Warranty Expired;

2. There is no valid warranty proof;

3. The screen has 3 or less dead pixels, 3 or below highlights, 5 or The total number of bad lighting points below;

4. It is not used, maintained or maintained according to the product manual.Damaged (man-made damage) by unauthorized repairer or private repair;

5. Not sold in mainland China (excluding Hong Kong, Macao, Taiwan)Goods for sale.

In order to protect your legal rights and interests, avoid unnecessaryLoss, causing display failure or damage for the following reasons,Our company does not undertake the free warranty obligation, please choose the paid service

1. Expired warranty period;

2. When the LCD panel is scratched, bumped, deformed, or recessed;

3. Demolition or repair by an unauthorized service person;

4. Damage caused by accidental factors or human behavior and external forces (including operations) Mistakes, handling, bumping,input of inappropriate voltage, etc.);

5. Use non-standard or unpublished software or non-standard phase Turn off computer components (such as: display cards, etc.);

6. Damage caused by force majeure such as natural disasters (eg earthquake, fire, floods, etc.);

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