CFORCE

CF015C Pro

(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9V，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9V 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.

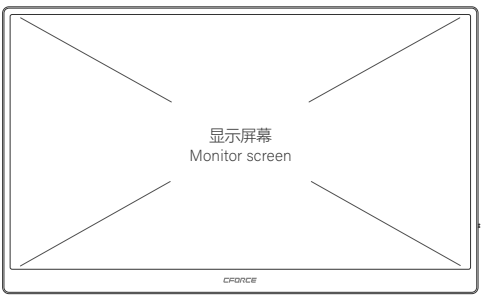
If possible, try to use the recommended resolution for best results. Such as If you use a resolution other than the recommended resolution, a screen abnormality may occur. But this is a feature of a fixed resolution LCD/OLED panel.

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

左面
Left



正面
Front

右面
Right

反面
Back

底部
Bottom

参数规格 SPECSIFICATION

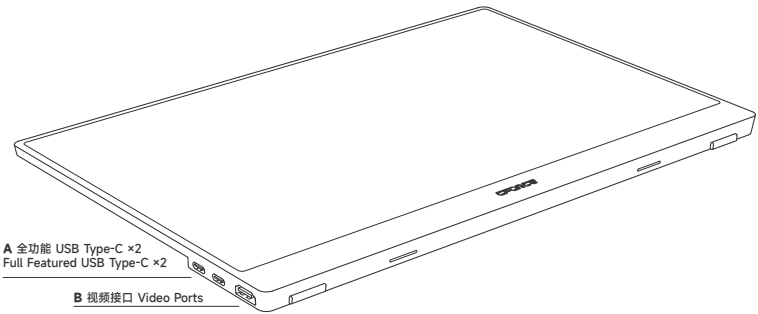
产品名称 Product Name	便携式显示器
产品型号 Product model	CF015C Pro
外壳材质 Case material	ABS+PC
屏幕尺寸 Screen size	15.6英寸 15.6-inch
屏幕比例 Screen ratio	16:9
分辨率 Resolution	3840*2160 60Hz
像素间距 Pixel pitch	0.179mm
可视角度 Viewing angle	178°
屏幕类型 Screen type	LCD
面板类型 Panel type	IPS
色位深度 Color depth	8 bit
触摸功能 Touch function	非触控
外观尺寸 Size	369mm*222mm
厚度 Thickness	6mm~12mm
输入电压 Input voltage	USB-PD 9V,12V,15V,20V
内置音箱 Built-in speaker	标配
重量 Weight	650g
环境温度 Ambient temperature	0~35°C

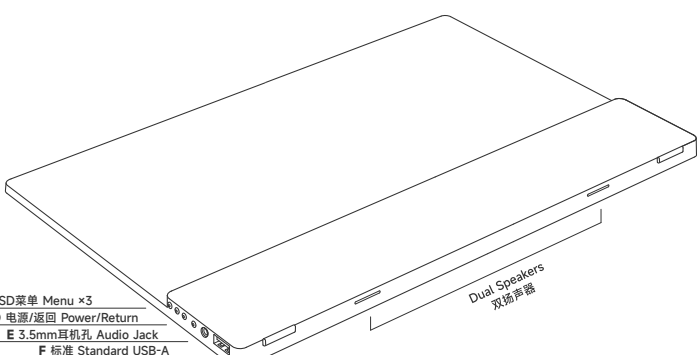
注:尺寸、重量等规格均与测量工具及人员、环境等客观因素有关,可能出现误差,如有误差属于正常现象,请以实际测量为准。如硬件参数有更新变动,未及时更新以上参数信息,请以收到实物为准。

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.





接口功能介绍 INTERFACE FUNCTION INTRODUCTION

A 全功能USB Type-C

双接口一线通无忧切换，都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9V / 12V / 15V / 20V电压输入；
注意：不能同时两个接口都传输数据或者充电。

B 视频接口

负责音频视频信号传输

C OSD菜单

短按：无OSD主菜单时，唤出音量快速调整功能；已唤出OSD主菜单时，上一个/+，
长按：连续+调整

C OSD菜单

短按：无OSD主菜单时，唤出OSD主菜单；已唤出OSD菜单时，确认

C OSD菜单

短按：无OSD主菜单时，唤出亮度快速调整功能；已唤出OSD主菜单时，下一个/-，
长按：连续-调整

D 电源/返回

短按：无OSD主菜单时，唤出信号源快速切换功能；已唤出OSD菜单时，返回，退出；
开机（关机状态）；长按：关机（开机状态）

E 3.5mm耳机接口

耳机/音响扩展接口

F 标准USB-A 2.0

接上USB2.0，可连接USB的设备使用，如键盘鼠标、U盘

A Full Featured USB Type-C

Supports free switching between the two USB-C port whatever you twist the USB-C connector upside down. Both two USB-C ports support audio, video and touch signal transmission. It also supports reverse charging and compatible with the PD 2.0 power supply protocol. It supports 9V/12V/15V/20V charging. **Both two ports cannot be used for charging or data transfer at the same time.**

B Video Ports

Audio and Video signal transmission.

C OSD Menu

Short press: when there is no OSD main menu, the volume quick adjustment function is called; when the OSD main menu is called, the previous/+, long press: continuous + adjustment.

C OSD Menu

Short press: When there is no OSD main menu, the OSD main menu is called out; when the OSD menu is already called out, confirm.

C OSD Menu

Short press: When there is no OSD main menu, the brightness quick adjustment function is invoked; When the OSD main menu is invoked, the next /-,
Long press: continuous-adjustment.

D Power/Return

Short press: when there is no OSD main menu, the signal source quick switching function is called; When the OSD menu is called, return and exit;
Turn on (Off state); Long press: turn off (On state).

E 3.5mm Audio Jack

Headphone/Sound box extension interface.

H Standard USB-A 2.0

Connect the USB-A2.0, which can be connected to USB devices, such as keyboard and mouse, USB flash drive.

低蓝光护眼模式使用介绍

INTRODUCTION TO THE USE OF LOW BLUE LIGHT EYE PROTECTION MODE

健康用眼

为了避免因长时间使用显示器而引起的眼部疲劳及颈部、手臂、 肘部、肩部的疼痛，使用时请注意以下几点：

1.将显示器屏幕放置于距离双眼20到28英寸的位置（约50 - 70厘米）。

2.使用显示器时，建议适当增加眨眼频率以缓解眼部疲劳。

3.当使用显示器达到两小时后，请休息20分钟。

4.休息时，将视线离开显示器，注视远处的目标至少20秒。

5.休息时，可进行伸展活动以舒缓颈部、手臂、背部、肩部。

低蓝光说明

本显示器具备减少蓝光发射的功能，可以在菜单中的低蓝光选项调整降低蓝光发射强度，以保护眼睛。

本显示器发出的蓝光可能会对您的眼睛造成长期影响，引起眼疲劳等问题。低蓝光功能旨在减少显示器发出的蓝光量，提高眼睛的舒适感。

Healthy eye

In order to avoid eye fatigue and neck, arm, elbow, shoulder pain caused by using the monitor for a long time, please pay attention to the following points:

1.Place the monitor screen 20 to 28 inches away from your eyes (about 50-70 cm).

2.When using the monitor, it is recommended to increase the blink frequency appropriately to relieve eye fatigue.

3.When using the monitor for two hours, please take a 20-minute break.

4.While resting, take your eyes off the monitor and look at a distant target for at least 20 seconds.

5. During rest, stretch to relieve neck, arms, back, shoulders.

Low Blue Light Instructions

This monitor has the function of reducing blue light emission, which can be adjusted to reduce the blue light emission intensity in the low blue light option in the menu to protect the eyes.

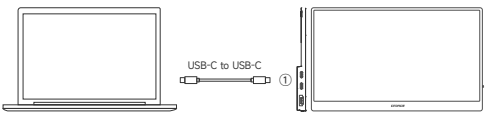
The blue light emitted by this monitor may have long-term effects on your eyes, causing problems such as eye fatigue. The Low Blue Light feature is designed to reduce the amount of blue light emitted by the monitor, improving eye comfort.

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

The portable monitor comes with two types of video ports
that support most mainstream computer or game console video inputs

1.全功能USB-C接口笔记本连接方式

Method of connecting full-featured USB-C interface laptop

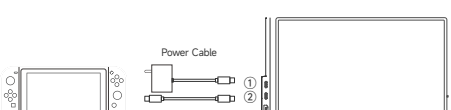


请将CFORCE提供的全功能USB-C线连接到①全功能USB-C接口，再将另一端连接到笔记本电脑。请注意您设备的USB-C接口是否支持全功能USB-C; (建议搭配电源适配器使用)

Please connect the full-featured USB-C line provided by CFORCE to ①full-featured USB-C interface, and then connect the other end to the laptop. Please note whether the USB-C interface of your device supports full-featured USB-C; (It is recommended to use the power adapter).

4.任天堂Switch连接方式

Method of connecting Nintendo Switch



请将任天堂Switch原装的电源适配器连接到①全功能USB-C接口，显示屏通电后，使用CFORCE提供的全功能USB-C线连接到②全功能USB-C接口，再将另一端连接到任天堂Switch主机；

Please connect Nintendo's original power adapter to ① full-featured USB-C interface. After the display is powered on, use the full-featured USB-C cable provided by CFORCE to the ② full-featured USB-C interface, and then connect the other end to the Nintendo Switch host;

* 任天堂Switch使用电视模式时，游戏手柄需要取下来;
* 任天堂Switch使用电视模式最多支持1080P视频输出;
* When Nintendo Switch uses TV mode, the gamepad needs to be removed;
* Nintendo Switch uses the TV mode to support up to 1080P video output;

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

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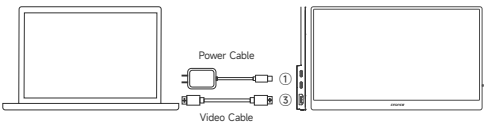
2.传统视频接口笔记本电脑及台式机电脑连接方式

Method of connecting Video interface laptop and PC

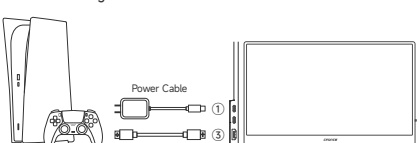


请将CFORCE提供的电源适配器连接到①全功能USB-C接口，显示屏通电后，使用CFORCE提供的视频线连接到③视频接口，再将另一端连接到笔记本电脑或台式机电脑；

Please connect the power adapter provided by CFORCE to the ① full-featured USB-C interface. After the display is powered on, use the video cable provided by CFORCE to the ③ video interface, and then connect the other end to the laptop or desktop computer;

5.PS4/5/Xbox/更多视频设备连接方式

Method of connecting PS4/5/Xbox/more video devices



请将CFORCE提供的电源适配器连接到①全功能USB-C接口，显示屏通电后，使用CFORCE提供的视频线连接到③视频接口，再将另一端连接到PS4/5/Xbox/更多视频设备；

Please connect the power adapter provided by CFORCE to the ① full-featured USB-C interface. After the display is powered on, use the video cable provided by CFORCE to the ③ video interface, and then connect the other end to the PS4/5/Xbox/more video devices;

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支持大多数主流计算机或者游戏主机视频输入

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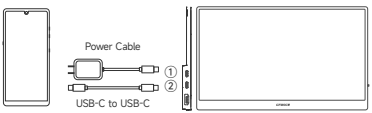
3.全功能USB-C接口智能手机连接方式

Method of connecting full-featured USB-C interface smart phone



请将CFORCE提供的电源线连接到①全功能USB-C接口，显示屏通电后，使用CFORCE提供的全功能USB-C线连接到②全功能USB-C接口，再将另一端连接到智能手机；(如果您的手机无法显示，可尝试另外购买苹果或USB-C投屏线)

Please connect the power cable provided by CFORCE to the ① full-featured USB-C interface. After the display is powered on, use the full-featured USB-C cable provided by CFORCE to ② full-featured USB-C interface, and then connect the other end to a smartphone; (If your mobile phone can not be displayed, you can try to buy another Lightning to Video / USB-C to Video cable).

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，及时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，建议优先使用支持18W或以上电源适配器给显示器供电，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: The screen flickers need to give priority to whether the power supply is sufficient.Priority is given to powering the display with a power adapter that supports 18W or more.If the power supply is normal and the screen flickers, it is recommended to contact the aftersales service.

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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