692 mm

173 mm

140 mm

560mm

TCL

Quick Installation Guide

TCL AC1200 Wi-Fi Router
WR1C/WR1O

Package contents

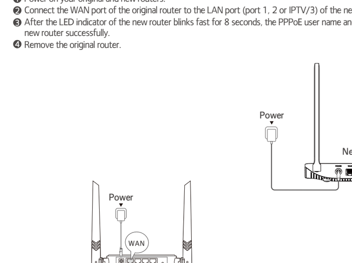
- Wireless router x 1
- Power adapter x 1
- Quick installation guide x 1

I. Connect your router

If you want to import the PPPoE user name and password from your original router, start from **Step 1**. Otherwise, start from **Step 2**.

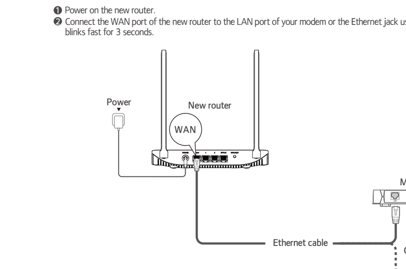
Step 1: Import your PPPoE user name and password from your original router.

❶ Power on your original and new routers.
❷ Connect the WAN port of the original router to the LAN port (port 1, 2 or IPTV/3) of the new router using an Ethernet cable.
❸ After the LED indicator of the new router blinks fast for 8 seconds, the PPPoE user name and password are imported to your new router successfully.
❹ Remove the original router.



Step 2: Connect your new router to the internet.

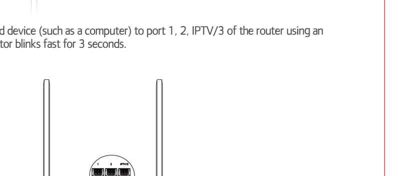
❶ Power on the new router.
❷ Connect the WAN port of the new router to the LAN port of your modem or the Ethernet jack using an Ethernet cable. The LED indicator blinks fast for 3 seconds.



II. Connect your devices to the new router

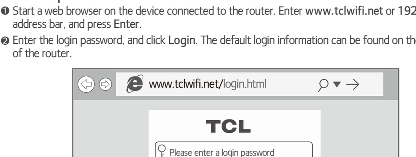
Method 1: Connect your WiFi-enabled device (such as a smart phone) to the new router's WiFi network using the SSID labeled on the bottom of the router.

Method 2: Connect your wired device (such as a computer) to port 1, 2, IPTV/3 of the router using an Ethernet cable. The LED indicator blinks fast for 3 seconds.



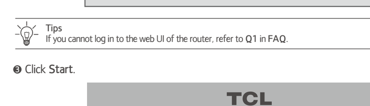
III. Set up the new router for internet access

❶ Start a web browser on the device connected to the router. Enter **www.tclwifi.net** or **192.168.1.1** in the address bar, and press **Enter**.
❷ Enter the login password, and click **Login**. The default login information can be found on the **Button Label** of the router.

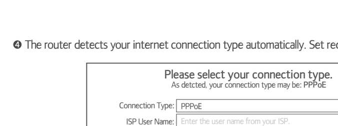


Tips
If you cannot log in to the web UI of the router, refer to **Q1** in **FAQ**.

❸ Click **Start**.

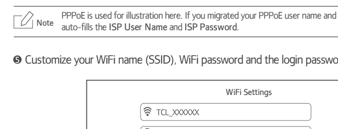


❹ The router detects your internet connection type automatically. Set required parameters and click **Next**.



Note: PPPoE is used for illustration here. If you migrated your PPPoE user name and password from your original router, this router auto-fills the **ISP User Name** and **ISP Password**.

❺ Customize your WiFi name (SSID), WiFi password and the login password as needed, and click **Next**.



Note: The WiFi password is used to connect to the WiFi network, and the login password is used to log in to the web UI of the router.

Done.

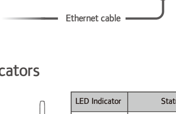
IV. Access the internet

WiFi-enabled devices: Connect your WiFi-enabled devices to the WiFi network of the router using the WiFi name and WiFi password you set.

Tips
If you need to modify the WiFi name and WiFi password, see **Q4** in **FAQ**.

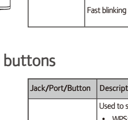
Wired devices: Your wired devices connected to the router can access the internet directly now.

LED indicators



LED Indicator	Status	Description
LED indicator	Solid on	The router is starting or connected to the internet successfully.
	Slow blinking	The router fails to connect to the internet.
	Fast blinking for 2 minutes	The router is performing WPS negotiation.
	Fast blinking for 3 seconds	A wired device is connected to or disconnected from the router.
	Fast blinking for 8 seconds	The migration of PPPoE user name and password succeeds after you connect the WAN port of the original router to one of the LAN ports of the new router.

Jack, ports and buttons



Jack/Port/Button	Description
WPS/RST	Used to start the WPS negotiation process of the router, or to reset the router. • WPS: Press the button of the router for 1 - 3 seconds, and enable the WPS function of another WPS-supported device within 2 minutes to establish a WPS connection. • Reset: Hold the button down for about 8 seconds, then release it when the LED indicator blinks fast. The router is reset successfully.
IPTV/3	By default, it is a LAN port. If the IPTV function of the router is enabled, it serves only as an IPTV port used to connect to a set-top box.
1/2	They are LAN ports used to connect to the wired devices such as computers or switches.
WAN	Used to connect this router to the internet.
POWER	Power jack. Used to connect to the included power adapter.

FAQ

Q1: I cannot log in to the web UI of the router by entering 192.168.1.1 or www.tclwifi.net, what should I do?
A1: Try the following solutions and log in again:
- Ensure that you enter **192.168.1.1** or **www.tclwifi.net** in the address bar, not the search bar.
- Ensure that your computer is connected to port 1, 2 or IPTV/3 properly. And your computer is set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.
- Ensure that your wireless device is connected to the router's default SSID or the SSID you set.
- Clear the cache of your web browser.
- Replace the web browser. Google Chrome, Firefox, or Internet Explorer 8 (or later) is recommended.
- Replace your computer or wireless device.
- Reset the router.

Q2: I cannot access the internet after the configuration, what should I do?
A2: Try the following solutions:
- Ensure that the WAN port of the router is connected to the internet properly.
- When the LED indicator blinks slowly, log in to the web UI of the router, navigate to the **Internet Settings** page, and follow the on-screen instructions to solve it.
- If your wired devices cannot access the internet:
  – Check if your computer is connected to port IPTV/3, 1 or 2 properly.
  – Check if your computer is set to **obtain an IP address automatically**.
- If your wireless devices cannot access the internet:
  – Check if your wireless devices are connected to the WiFi network of the router with the SSID you set.
  – Change your WiFi name and WiFi password. Then try again.

Q3: How to reset the router?
A3: Try the following methods:
- When the router is working normally, hold down the WPS/RST button for about 8 seconds, then release it when the LED indicator blinks fast. The router is reset successfully.
- Log in to the web UI of the router, navigate to the **Administration** > **Device Management** page, click the **Reset** button and follow the on-screen instructions to reset it.

Q4: How to change my WiFi names and passwords?
A4: Log in to the web UI of the router on your wired or wireless device, navigate to **WiFi Settings** > **WiFi Name& Password Page**, and follow the on-screen instructions to customize your WiFi names and passwords.

Q5: Why cannot my phone find the 5 GHz signal?
A5: Only devices supporting 5 GHz signal can find and connect to the 5 GHz network.

FCC 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 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.
The device is for indoor usage only.
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.
This equipment should be installed and operated with minimum distance 20cm between the device and your body.
Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Operating frequency: 2412-2462MHz, 5150-5250MHz, 5725-5850MHz
NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Caution:
Adapter Model: BN052-A09009E/BN052-A09009E
Manufacturer: TCL Communication Ltd.
Input: 10 - 200V AC, 50/60Hz, 0.3A
Output: 9V 1A
═══ : DC Voltage

RECYCLING
This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

For EU/EFTA, this product can be used in the following countries:

BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV
LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK

Operating Temperature: 0°C - 40°C
Operating Humidity: (10% - 90%) RH, non-condensing

Technical Support
General information
• Internet address: www.tclcom.com
• Manufacturer: TCL Communication Ltd.
• Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong.

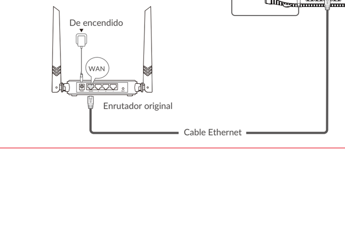
Español

I. Conecte su enrutador

Si desea copiar el nombre de usuario y la contraseña de PPPoE de su enrutador original, comience con el Paso 1. De lo contrario, comience desde el Paso 2.

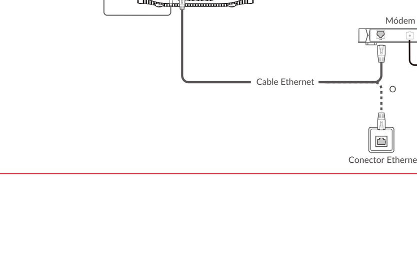
Paso 1: Importe el nombre de usuario y la contraseña de PPPoE de su enrutador original.

❶ Encienda el enrutador original y el nuevo.
❷ Conecte el puerto WAN del enrutador original a un puerto LAN (puerto1, 2 e IPTV/3) del nuevo enrutador con un cable Ethernet.
❸ Después de que el indicador LED del nuevo enrutador parpadee rápidamente durante 8 segundos, significa que el nombre de usuario y contraseña de PPPoE se importaron al enrutador nuevo de forma correcta.
❹ Retire el enrutador original.



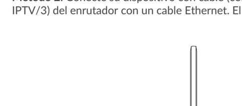
Paso 2: Conecte nuevo enrutador a Internet.

❶ Encienda el nuevo enrutador.
❷ Conecte el puerto WAN del nuevo enrutador al puerto LAN de su módem o su conector Ethernet utilizando un cable Ethernet. El indicador LED parpadea rápidamente durante 3 segundos.

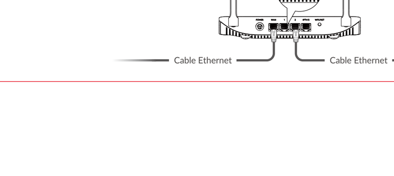


II. Conecte sus dispositivos al nuevo enrutador

Método 1: Conecte su dispositivo habilitados para WiFi (como un teléfono inteligente) a la red WiFi del nuevo enrutador utilizando el SSID etiquetado en la parte inferior del e nrutador.

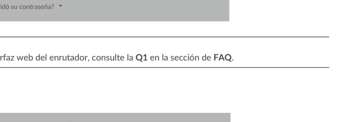


Método 2: Conecte su dispositivo con cable (como una computadora) a un puerto LAN (puerto 1, 2 e IPTV/3) del enrutador con un cable Ethernet. El indicador LED parpadea rápidamente durante 3 segundos.



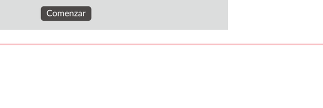
III. Configure el nuevo enrutador para acceder a Internet

❶ Abra un navegador en el dispositivo conectado al enrutador. Ingrese **www.tclwifi.net** o **192.168.1.1** en la barra de direcciones y presione **Enter** (Intro).
❷ Ingrese la contraseña de inicio de sesión y haga clic en Iniciar sesión. La información de inicio de sesión predeterminada se puede encontrar en la etiqueta del botón del enrutador.

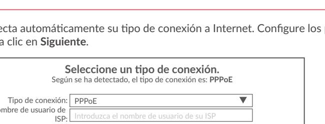


Sugerencias:
Si no puede iniciar sesión en la interfaz web del enrutador, consulte la **Q1** en la sección de **FAQ**.

❸ Haga clic en **Comenzar**.

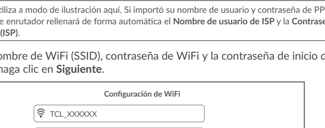


❹ El enrutador detecta automáticamente su tipo de conexión a Internet. Configure los parámetros requeridos y haga clic en **Siguiente**.



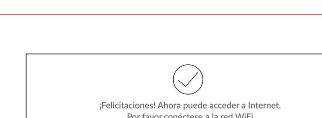
Nota: PPPoE se utiliza a modo de ilustración aquí. Si importó su nombre de usuario y contraseña de PPPoE de su enrutador original, este enrutador rellenará de forma automática el **Nombre de usuario de ISP** y la **Contraseña de su Proveedor de internet (ISP)**.

❺ Personalice su nombre de WiFi (SSID), contraseña de WiFi y la contraseña de inicio de sesión según sea necesario, y haga clic en **Siguiente**.



Nota: La contraseña de WiFi se utiliza para conectarse a la red WiFi, y la contraseña de inicio de sesión se utiliza para iniciar sesión en la interfaz web del enrutador.

Listo.



IV. Acceda a Internet

Dispositivos habilitados para WiFi: Conecte sus dispositivos habilitados para WiFi a la red WiFi del enrutador utilizando el nombre y la contraseña de WiFi que configuró previamente.

Sugerencias:
Si necesita modificar el nombre y la contraseña de la red WiFi, consulte la **Q4** en la sección de **FAQ**.

Dispositivos con cable: Ahora, los dispositivos con cable conectados al enrutador pueden acceder a Internet directamente.

Indicadores LED

Indicador LED	Estado	Descripción
Indicador LED	Se mantiene	El enrutador se está iniciando o se conectó a Internet correctamente.
	Parpadeo lento	El enrutador no puede conectarse a Internet.
	Parpadeo rápido durante 2 minutos	El enrutador está realizando la negociación WPS.
	Parpadeo rápido durante 3 segundos	Un dispositivo con cable está conectado al enrutador o desconectado de él.
	Parpadeo rápido durante 8 segundos	La migración del nombre de usuario y la contraseña de PPPoE se realiza correctamente después de conectar el puerto WAN del enrutador original a uno de los puertos LAN del nuevo enrutador.

Conector, botón y puertos

Conector/Puerto /Botón	Descripción
WPS/RST	Se utiliza para iniciar el proceso de negociación WPS del enrutador o para reiniciar el enrutador. • WPS: Para establecer una conexión WPS, presione el botón del enrutador durante 1 a 3 segundos y habilite la función WPS de otro dispositivo que admita WPS dentro de dos minutos. • Restablecer: Mantenga presionado el botón durante unos 8 segundos y, a continuación, suéltelo cuando el indicador LED parpadee rápidamente. El enrutador se restableció correctamente.
IPTV/3	De forma predeterminada, es un puerto LAN. Si la función IPTV del enrutador está activada, solo funciona como un puerto IPTV para conectar un decodificador.
1/2	Si la función IPTV del enrutador está activada, solo funciona como un puerto IPTV para conectar un decodificador.
WAN	Se utiliza para conectar este enrutador a Internet.
POWER	Clavija de alimentación. Se utiliza para conectar al adaptador de corriente incluido.

简体中文

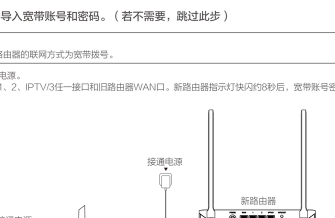
第一步：安装路由器

下文提到的"新路由器"、"路由器"均指代本指南所在包装盒内的路由器。

步骤1：从旧路由器导入宽带账号和密码。（若不需要，跳过此步）

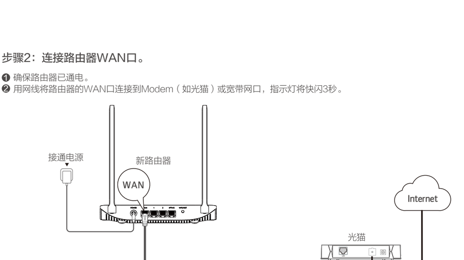
提示
适用场景：旧路由器的联网方式为宽带拨号。

❶ 接通新、旧路由器的电源。
❷ 用网线连接新路由器1、2、IPTV/3任一接口和旧路由器WAN口。新路由器指示灯快闪约8秒后，宽带账号密码导入成功。
❸ 断开旧路由器电源。

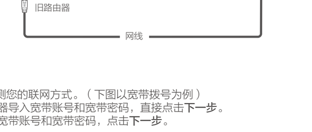


步骤2：连接路由器WAN口。

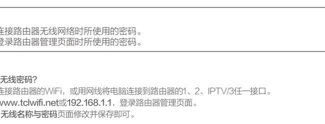
❶ 确保路由器已通电。
❷ 用网线将路由器的WAN口连接到Modem（如光猫）或宽带网口，指示灯将快闪3秒。



❹ 路由器会自动检测您的联网方式。（下图以宽带拨号为例）
– 若已从旧路由器导入宽带账号和宽带密码，直接点击**下一步**。
– 否则，请输入宽带账号和宽带密码，点击**下一步**。



❺ 设置路由器的**无线名称**和**无线密码**，设置**登录密码**，点击**下一步**。



提示
– 无线密码：连接路由器无线网络时所使用的密码。
– 登录密码：登录路由器管理页面时所使用的密码。

设置完成。

手机等无线设备连接页面显示的无线网络，输入无线密码即可上网。
用网线连接到路由器1、2、IPTV/3口的电脑等设备可直接上网了。

提示
如果不能上网，请参考**常见问题解答**的**问2**解决。

第二步：连接到路由器

方式1：手机等无线设备连接到路由器的无线网络。
默认无线网络信息称可在路由器底面贴纸查看。

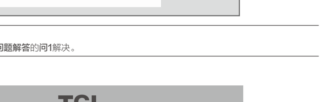
方式2：用网线将电脑连接到路由器的1、2、IPTV/3任一接口，指示灯将快闪3秒。

第三步：设置路由器

❶ 在已连接到路由器的手机或电脑上，打开浏览器，访问www.tclwifi.net或192.168.1.1进入管理页面。
❷ 输入登录密码，点击**登录**。默认的登录信息可在路由器**底面贴纸**查看。

提示
如果没有出现上述页面，请参考**常见问题解答**的**问1**解决。

❸ 点击**开始体验**。



指示灯/接口/按钮说明

指示灯	状态	说明
指示灯	长亮	路由器正在启动，或已联网成功。
	慢闪	路由器联网失败。
	快闪3秒	网口有设备接入，或有设备移除。
	快闪2分钟	正在进行WPS协商。

接口/按钮	说明
POWER	电源接口。 请使用包装盒内的电源适配器给路由器通电。
WAN	10/100/1000Mbps自适应互联网接口。 用于连接光猫、DSL猫、有线电视猫或宽带网口。
1、2	10/100/1000Mbps自适应内网接口。 连接电脑、交换机、游戏机等。
IPTV/3	10/100/1000Mbps自适应内网接口、IPTV口复用，默认为内网接口。 路由器启用IPTV功能后，仅作为IPTV口连接机顶盒。
WPS/RST	WPS、RST复用按钮。 – 按一下，即开始WPS协商，指示灯快闪，路由器进入WPS协商状态。请在2分钟内开启另一设备的WPS功能，与本路由器进行WPS协商。 – 路由器正常运行时，按住此按钮约8秒，当指示灯快闪时松开，路由器将会恢复出厂设置。

常见问题解答

问1：访问www.tclwifi.net或192.168.1.1无法登录到路由器管理页面，怎么办?
若通过手机等无线设备登录：
– 请确保已成功连接路由器的WiFi。
– 使用手机登录时，请确保已关闭手机数据流量。
若通过电脑登录：
– 请在浏览器地址栏（非搜索栏）输入www.tclwifi.net或192.168.1.1。
– 请确保电脑已连接到路由器的1、2或IPTV/3口，且网线连接正常，无松动现象。
– 请确保电脑已设为自动获得IP地址，自动获得DNS服务器地址。
若经过上述操作仍然无法登录，请将路由器恢复到出厂设置。方法：路由器正常运行时，按住复位按钮（WPS/RST）约8秒，当指示灯快闪时松开，路由器将会恢复出厂设置。

问2：设置完成后，连接到路由器的手机或电脑不能上网，怎么办?
首先，请尝试使用以下方法解决：
– 确认路由器WAN口已通过网线连接到Modem（猫）或宽带网口。
– 如果指示灯慢闪，请登录路由器的管理页面，进入外网设置页面，确保"联网方式"符合您的实际上网环境。可参考下表判断联网方式是否正确：

您的互联网服务提供商提供的上网参数	您应该选择的联网方式
宽带账号和宽带密码	宽带拨号
没有提供任何上网参数	动态IP
IP地址，子网掩码，网关，DNS服务器等参数	静态IP

– 如果联网方式正确，但仍然联网失败，请根据页面提示操作。
如果仍然不能上网，请参考下文解决。
– 若是手机等无线设备不能上网：
 • 连接WiFi时，请确认您选择的是正确的无线名称，且无线密码输入正确（注意区分大小写）。
 • 如果仍然无法上网，请用网线将电脑连接到路由器的1、2或IPTV/3口，然后登录到路由器管理页面，修改无线名称和无线密码后，重新连接WiFi。
– 若是通过网线连接到路由器的电脑不能上网：
 • 确保电脑已连接到路由器的1、2或IPTV/3口，且网线连接正常，无松动现象。
 • 确保电脑已设为自动获得IP地址，自动获得DNS服务器地址。

问3：怎么修改无线名称和无线密码?
❶ 手机等无线设备连接路由器的WiFi，或用网线将电脑连接到路由器的1、2、IPTV/3任一接口。
❷ 在浏览器中访问www.tclwifi.net或192.168.1.1，登录路由器管理页面。
❸ 进入**无线设置** → **无线名称与密码**页面修改并保存即可。

问4：怎么将路由器恢复出厂设置?
请尝试使用以下任一方法解决：
方法1：路由器正常运行时，按住复位按钮（WPS/RST）约8秒，当指示灯快闪时松开，路由器将会恢复出厂设置。
方法2：登录路由器管理页面，进入**系统管理** → **重启与复位**页面设置。

问5：搜索不到路由器的WiFi信号，怎么办?
请用网线将电脑连接到路由器的1、2或IPTV/3口，然后登录到路由器管理页面，进入**无线设置** → **无线名称与密码**页面，确保：
– 无线网络已开启。
– "隐藏网络"未勾选。
– 无线名称没有包含中文字符。

问6：为什么手机搜索不到路由器的5GHz WiFi信号?
– 只有兼容5GHz网络的设备才能搜索到5GHz无线网络。
– 请用网线将电脑连接到路由器的1、2或IPTV/3口，然后登录到路由器管理页面，进入**无线设置** → **无线名称与密码**页面，检查是否开启了"双频合一"功能：
 • 如果已开启，则5GHz无线网络名称与2.4GHz一致。
 • 如果没有开启，且手机可以搜索到其他5GHz无线网络，请参考**问5**的方法解决。

电子信息产品有毒有害物质申明

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
结构件	○	○	○	○	○	○
单板/电路模块	×	○	○	○	○	○
电源适配器	×	○	○	○	○	○
线缆	○	○	○	○	○	○
附件	○	○	○	○	○	○

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。但因全球技术发展水平限制，目前业界没有成熟的替代方案。
此环保使用期限只适用于产品在用户手册所规定的条件下工作。

– 工作温度：0℃~40℃，工作湿度：（10~90）%RH，无凝结。
– 电源插座应安装在设备附近并应易于触及。

合格证
本产品经检验合格，准予出厂。
质检员：QC8

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