COLORFUL®

BATTLE-AX B550M-T PRO V14

BATTLE-AX B550M-D PRO V14

主板使用手册

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www.colorful.cn

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三年免费质保　全国联保

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感谢您选用七彩虹系列产品，为了确保您能够充分享有我们提供的售后服务，请在购买后认真阅读此说明并妥善保存此质量保证卡。

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一、此质量保证卡的资料必须填写完整，并由最终直接经销商盖章，方可生效。

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2、产品质保标贴或序列号贴纸被撕去、损毁或模糊不清的产品；

3、未按产品说明的要求使用、维护、保管而造成的损坏；

4、未经本公司授权，私自拆装、修理或试图修理过的产品，表现为：产品元件、接插件缺少或损坏、线路板严重变形、线路板断裂、线路划伤、主板腐蚀、生锈及污迹严重等；

5、无有效三包凭证或擅自涂改三包凭证；

6、三包凭证上的产品型号、产品序号与产品实物不相符；

7、因意外事故、不可抗拒的自然因素或错误使用产品所造成的产品损坏，表现为：产品表面刮伤、电子元器件丢失、PCB 板变形、有碰撞伤痕等；

8、因用户运输、保管不当而导致损坏的产品，如：受潮腐蚀、机械损伤等。

四、获取更多售后服务详情，请访问七彩虹官方网站（http://www.colorful.cn）查阅售后服务相关内容。

用户资料填写

用户名称		购买日期	
联系人		联系电话	
联系地址			
产品型号		产品序号	
经销商名称		经销商电话	
经销商地址			
经销商印章		七彩虹印章	

技术服务热线：400-678-5866

通过拨打 400-678-5866 客户服务热线进行咨询，此外还可以直接与七彩虹各属地平台服务中心联系，具体联系方法如下:

七彩虹经销商服务范围及联系方式		
平台名称	服务范围	联系方法
北部大区	黑龙江省、吉林省、辽宁省、北京市、天津市、河北省、山东省、山西省、河南省、内蒙古自治区	010-82488344
中部大区	江苏省、浙江省、安徽省、上海市、湖北省、湖南省、江西省	027-87873911（武汉区域） 025-86817950（华东区域）
南部大区	广东省、广西壮族自治区、福建省、海南省	020-38335851
西南大区	四川省、重庆市、云南省、西藏藏族自治区、贵州省	028-85579371
西北大区	陕西省、甘肃省、青海省、新疆维吾尔自治区、宁夏回族自治区	029-87877278
注意：以上电话如有变动，请拨打 400-678-5866 服务热线查询。		

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根据电子电器产品有害物质使用标识要求：图中数字为产品的环保使用期限。指电子产品中含有的有害物质在不发生外泄或突变的条件下，不会对环境造成污染或人身、财产造成损害的期限。

产品中有害物质的名称及含量：

部件名称	有害物质					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
印刷电路板及其电子组件	×	○	○	○	○	○
外部信号连接口及线材	×	○	○	○	○	○

本表格依据 SJ/T 11364 的规定编制。

○：表示该有毒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。

×：表示该有毒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，但该部件仍符合欧盟 RoHS 要求。

备注：此产品所标示的环保使用期限，系指产品在一般使用状况下。

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产品包装

在您打开本主板包装盒之后，请检查下面所列出的各项标准配件是否齐全。

主板	1×BATTLE-AX B550M-T PRO V14 主板 或 BATTLE-AX B550M-D PRO V14 主板
连接线	2×SATA 6Gb/s 数据线
其他配件	1×后置面板 I/O 挡板
使用手册	1×主板使用手册

- 以上配件仅供参考，请以实物为准，七彩虹科技保留变更的权利。
- 若以上列出的任何一项配件有损坏，请尽快与您的经销商联络或致电七彩虹客服。

驱动程序安装说明

您可以访问七彩虹官网(http://www.colorful.cn)，搜索该产品型号，在技术支持列表里面找到相应的驱动进行下载。板载网卡驱动亦可扫描右侧二维码进行下载。

产品规格表

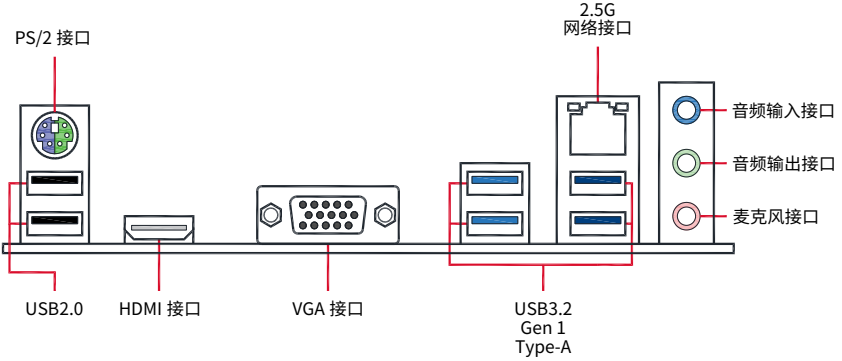
芯片组	AMD B550 芯片组
中央处理器	支持适配主板 AMD AM4 插槽的 AMD Ryzen 处理器 *请访问七彩虹官网 www.colorful.cn 查询最新的处理器支持列表
内存	2 条 DDR4 内存插槽，可支持高达 64 GB 容量内存 (单一插槽最高支持 32 GB 容量) ●支持 DDR4-3600(OC)/3200/2933/2666/2400 MHz 内存 ●支持 Extreme Memory Profile (XMP)内存技术 ●支持双通道内存技术 *请访问七彩虹官网 www.colorful.cn 查询最新的内存兼容性列表
扩展插槽	1 个 PCIe 4.0 x16 插槽 1 个 PCIe 3.0 x4 插槽
存储设备接口	共支持 1 个 M.2 插槽和 4 个 SATA 6Gb/s 硬盘接口 ●M.2_1 插槽：支持 2242/2260/2280 规格 M.2 SSD（PCIe 4.0 x4/SATA，CPU 通道）
RAID	支持用 SATA 硬盘设备创建 RAID 0，RAID 1，RAID 10 磁盘阵列 *RAID 磁盘阵列的创建步骤详见七彩虹官方的 BIOS 用户指南
音频	Realtek ALC897 高保真解码芯片 ●最高支持 5.1 声道
网络功能	RTL8125 2.5G 网卡

后置 I/O 接口	2 个 USB 2.0 接口 4 个 USB 3.2 Gen 1 Type-A 接口 1 个 HDMI 1.4 接口，最高支持 4K 30Hz 的分辨率 1 个 2.5G 网络接口 1 个 VGA 接口 1 个 PS/2 接口 3 个音频接口（音频输入/音频输出/麦克风）
前置 USB 扩展接口	2 个 USB 2.0 插针可扩展 4 个 USB 2.0 Type-A 接口 (FUSB2.0_1、FUSB2.0_2) 1 个 USB 3.2 Gen 1 插针可扩展 2 个 USB 3.2 Gen 1 Type-A 接口（FUSB3.0）
板载插针/跳线/按键	1 个 CPU 风扇插针（CPU_FAN） 1 个系统风扇插针（CHA_FAN） 1 个 12V 4-pin RGB 插针（FAN_RGB_HEADER） 1 个前置音频插针（F_AUDIO） 1 个前置面板插针（F_PANEL） 1 个喇叭插针（SPEAK） 1 个清除 CMOS 跳线（CLR_CMOS） 1 个串口插针（COM） 1 个 BIOS 烧录器插针（JBIOS） 1 个侦错灯插针（DEBUG） 1 个 USB 带电控制跳线（JPS1）
主板尺寸	M-ATX 板型 197mm x 240mm

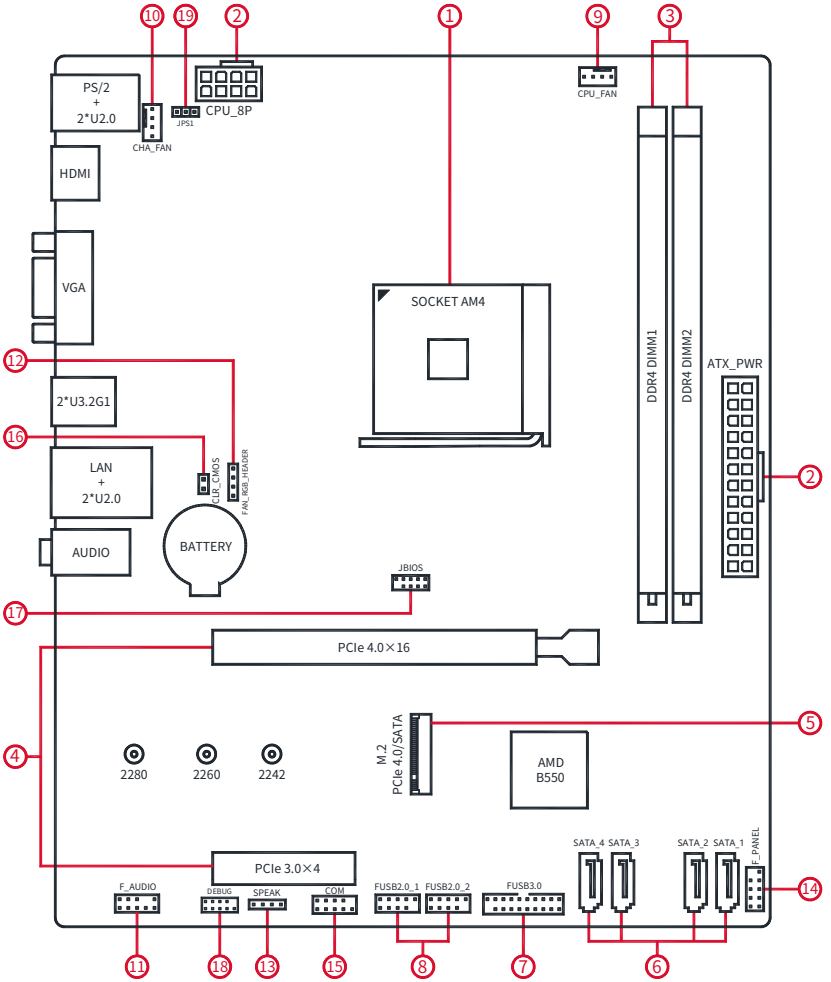
- 主板规格以产品发布时为准，如有任何更改，请访问七彩虹官网查询最新规格。

I/O 接口介绍

BATTLE-AX B550M-T PRO V14 / BATTLE-AX B550M-D PRO V14



主板布局图


10
19
2
1
9
3
PS/2
+
2*U2.0
CHA_FAN
JPS1
CPU_8P
CPU_FAN
HDMI
VGA
SOCKET AM4
DDR4 DIMM1
DDR4 DIMM2
ATX_PWR
12
2*U3.2G1
16
LAN
+
2*U2.0
CLR_CMOS
F_RGB_HEADER
AUDIO
BATTERY
JBIOS
17
PCIe 4.0×16
4
2280
2260
2242
M.2
PCIe 4.0/SATA
5
AMD
B550
PCIe 3.0×4
SATA_4
SATA_3
SATA_2
SATA_1
F_PANEL
14
F_AUDIO
DEBUG
SPEAK
COM
FUSB2.0_1
FUSB2.0_2
FUSB3.0
11
18
13
15
8
7
6

主板布局图介绍：	
① 中央处理器插槽	② 电源接口
③ 内存插槽	④ PCIe 扩展插槽
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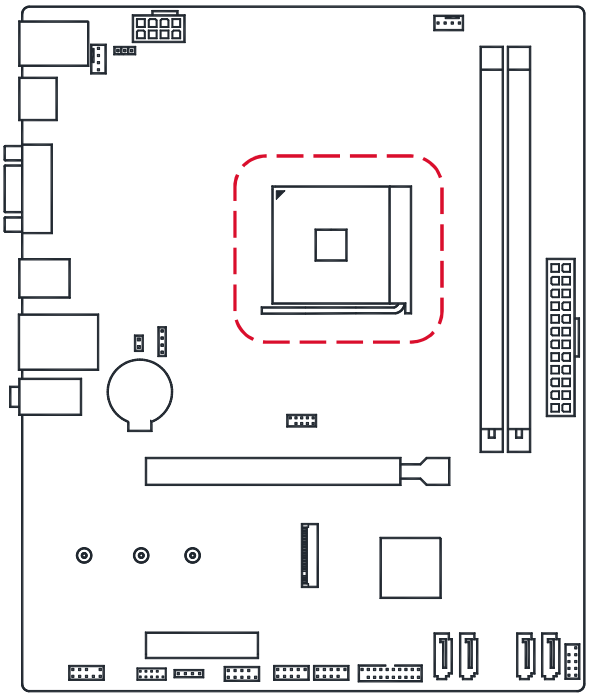
⑦ 前置 USB 3.2 Gen 1 插针	⑧ 前置 USB 2.0 插针
⑨ CPU 风扇插针	⑩ 系统风扇插针
⑪ 前置音频插针	⑫ 12V RGB 插针
⑬ 喇叭插针	⑭ 前置面板插针
⑮ 串口插针	⑯ 清除 CMOS 跳线
⑰ BIOS 烧录器插针	⑱ 侦错灯插针
⑲ USB 带电控制跳线	

中央处理器插槽

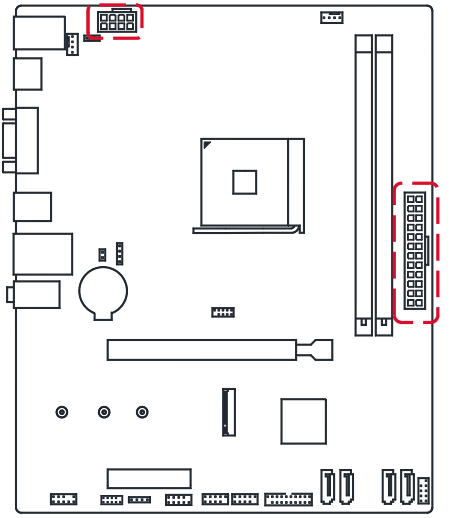
本主板具有 1 个 SOCKET AM4 处理器插槽，搭配 B550 芯片组，支持 AMD Ryzen 系列处理器。

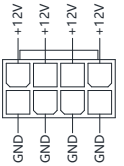


- 本插槽仅支持适配 SOCKET AM4 插槽的处理器，且需要按照正确的方向安装处理器，请勿使用错误的方式将处理器安装至插槽内，以避免 CPU 针脚损坏。
- 安装或移除 CPU 之前，请确认电源已关闭，所有电源接口已拔除。
- CPU 在使用时发热量较大，过高的温度会损坏 CPU，请务必搭配使用散热器和散热硅脂以保证 CPU 散热良好。
- 若因为错误的安装导致 CPU 或主板被损坏，七彩虹不提供任何的保修服务。

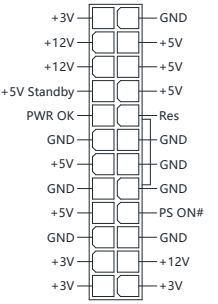
供电接口

本主板提供 1 个 24-pin 主板供电接口和 1 个 8-pin CPU 供电接口。主板供电接口与电源的连接插头有防呆设计，只有按照特定的方向才能成功连接。找到正确的方向后，将连接插头插进接口中，检查无松动即可。





CPU_8P



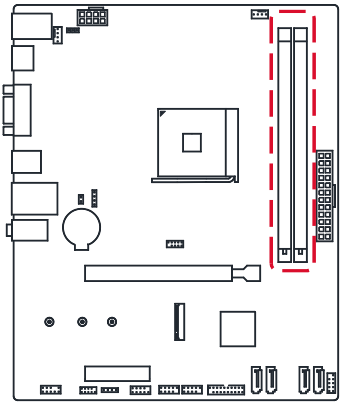
ATX_PWR

- 如果要安装功率较高的硬件设备，请务必使用输出功率较高的电源以满足的设备用电需求。若电源输出功率较低，可能会导致计算机不稳定或无法开启。

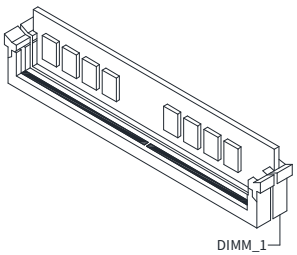
内存插槽

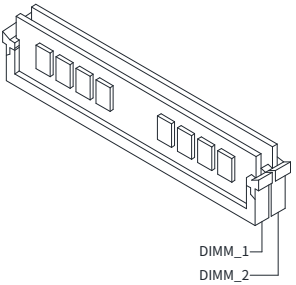
本主板提供 2 条 DDR4 内存插槽，可支持高达 64 GB 容量内存 (单一插槽最高支持 32 GB 容量)。

- 支持 DDR4-3600(OC)/3200/2933/2666/2400 MHz 内存。
- 支持双通道内存及支持 Extreme Memory Profile (XMP)内存技术。
- 主板内存频率上限由 CPU 内存控制器性能及内存本身的颗粒特性共同决定，请访问七彩虹官网（http://www.colorful.cn）查询最新的内存兼容性列表。



内存安装建议

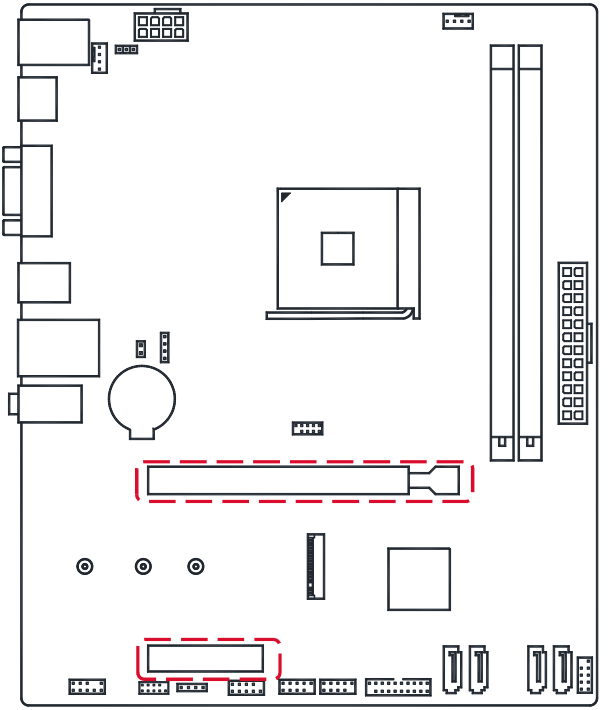




- 内存的默认运行频率是根据其 SPD 决定的，超频运行时某些内存的频率可能会低于厂商的宣传值。
- 为顺利启用双通道内存并确保运行的稳定性，建议安装同一生产商，相同容量、速度和颗粒的内存条，以达到最佳兼容性和最优性能。

PCIe 扩展插槽

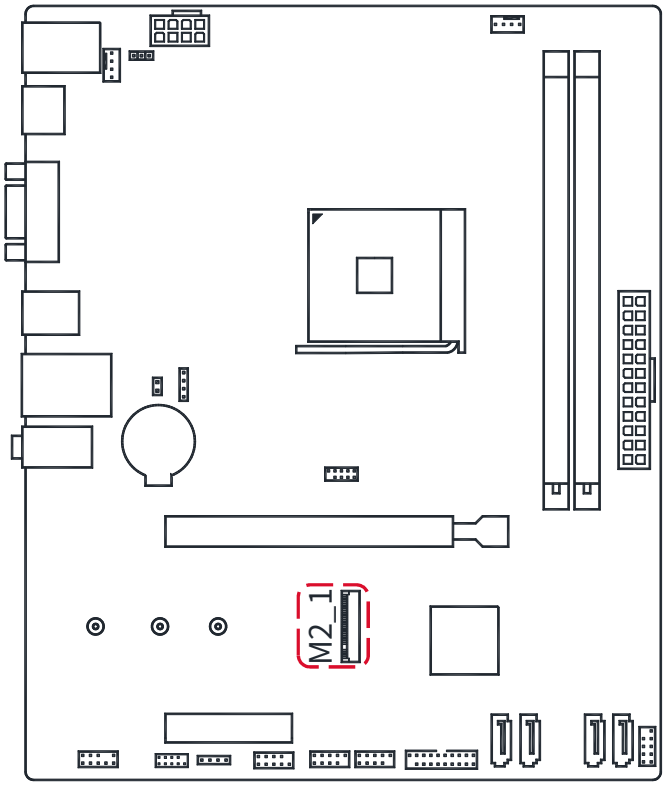
本主板提供 1 个 PCIe 4.0 x16 插槽和 1 个 PCIe 3.0 x4 插槽，可用于安装独立显卡、网卡等扩展卡。如需安装较重的显卡，请使用显卡支架，以防止 PCIe 插槽变形。



- 安装或卸除扩展卡之前，请先关机并拔出电源线，这样可以避免发生触电等意外状况。

M.2 插槽

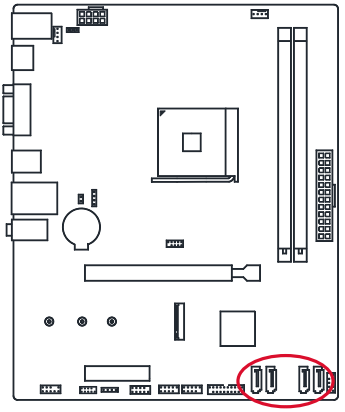
本主板提供 1 个 M.2 插槽，可用于安装 M.2 SSD 模块。

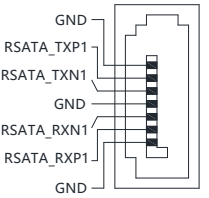


M.2 插槽规格	
M2_1	支持 2242/2260/2280 PCIe 4.0 x4/SATA SSD

SATA 6Gb/s 接口

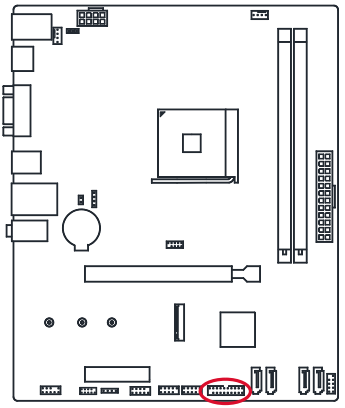
本主板提供 4 个 SATA 6Gb/s 接口，支持连接 SATA 6Gb/s 硬盘。

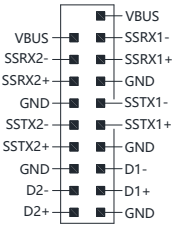




前置 USB 3.2 Gen 1 插针

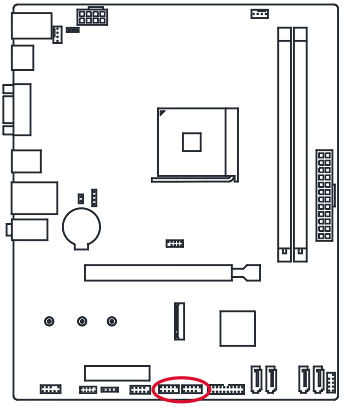
本主板提供 1 个前置 USB 3.2 Gen 1 扩展插针，可扩展为 2 个 USB 3.2 Gen 1 Type-A 接口，可向下兼容 USB 2.0 设备。

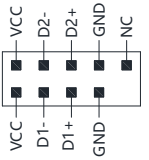




前置 USB 2.0 插针

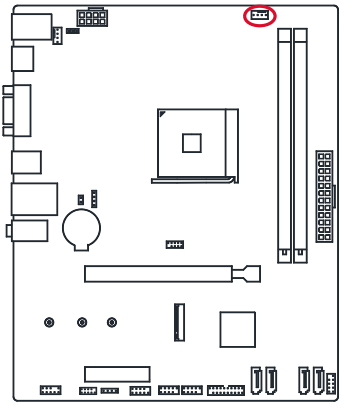
本主板提供 2 个前置 USB 2.0 扩展插针，可扩展为 4 个 USB 2.0 接口。

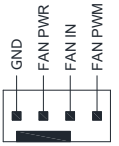


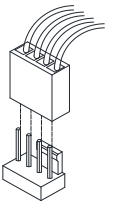


CPU 风扇插针

本主板提供 1 个 4-pin CPU 风扇插针，插座具有防呆设计，安装时需要注意方向。搭配具有转速控制功能的散热风扇可以降低 CPU 的温度以实现散热功能。

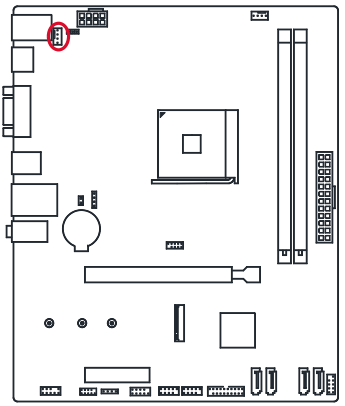


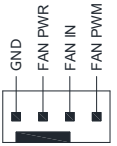


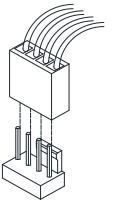


系统风扇插针

本主板提供 1 个 4-pin 系统风扇插针，插座具有防呆设计，安装时需要注意方向。搭配具有转速控制功能的散热风扇可以降低机箱的温度以实现散热功能。

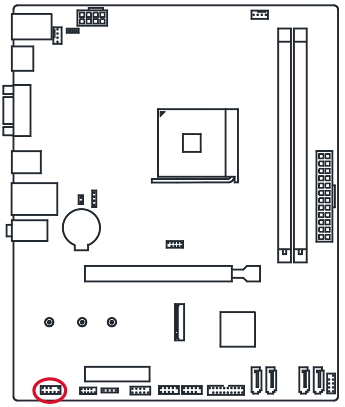


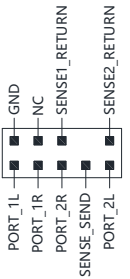




前置音频插针

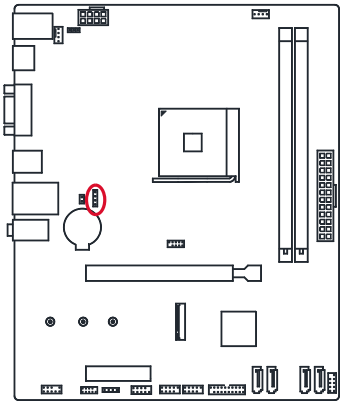
机箱前面板的音频接口可通过机箱内的音频线连接到前置音频插针上，让您可以通过前面板的音频接口来实现音频输入/输出等功能。

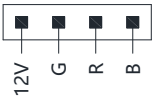




12V RGB 插针

本主板提供 1 个 12V 4-pin RGB 插针，此插针用于连接 12V RGB 设备。

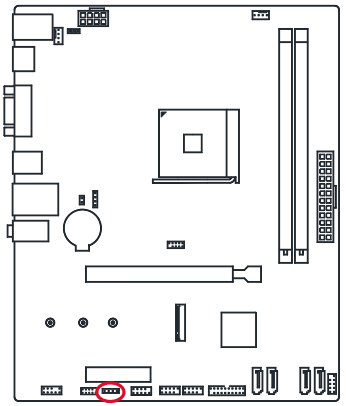


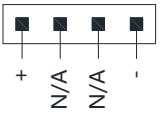


- 本主板支持灯效控制，如需调节灯效模式，请进入 BIOS 内操作。
- RGB 风扇为选购设备，如需使用请另行购买。

喇叭插针

本主板提供 1 个喇叭插针，喇叭插针可以用来连接位于机箱上的喇叭。





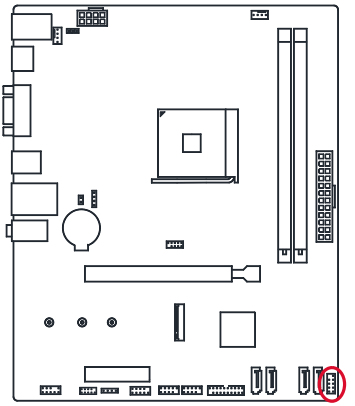
前置面板插针

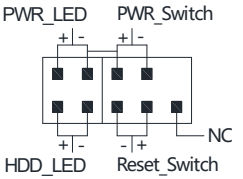
PWR_Switch：电源开关。短接此针脚可以开机。

Reset_Switch：重启开关。短接此针脚，不需要关闭系统电源即可重新启动计算机。

PWR_LED：电源指示灯。当系统电源开启时，此灯会亮起。

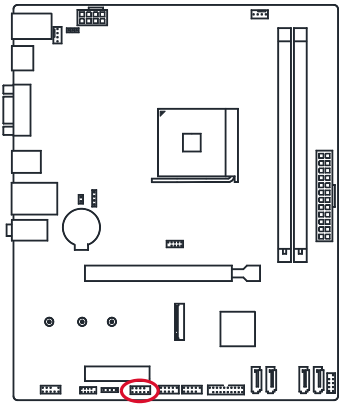
HD_LED： 硬盘指示灯。对硬盘进行数据存取时，此灯会亮起。

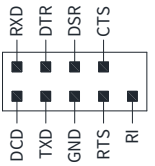




串口插针

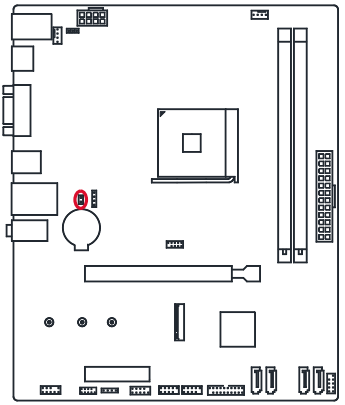
串口插针可以用来连接串口模块。先将串口模块的数据线接到串口插针上，再将模块固定在机箱后侧面板空的槽位中即可连接串口设备。





清除 CMOS 跳线

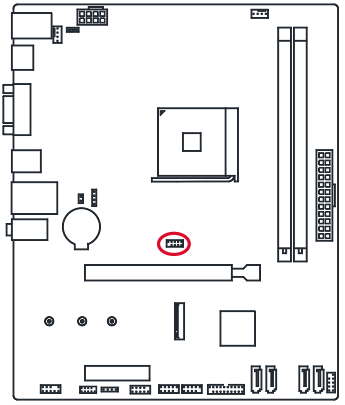
清除 CMOS 跳线可以用来清除主板 CMOS 储存器内的数据。CMOS 储存器中储存着 BIOS 的设置参数，由主板上的电池独立供电。若需要清除 CMOS 的数据，首先需要关闭电脑并拔掉电源线，将跳线帽插到 CMOS 插针上，使两个针脚短接 5 秒钟，然后将跳线帽拔出，等待 5 分钟后再启动电脑，即可进入 BIOS 重新设置 BIOS 参数。





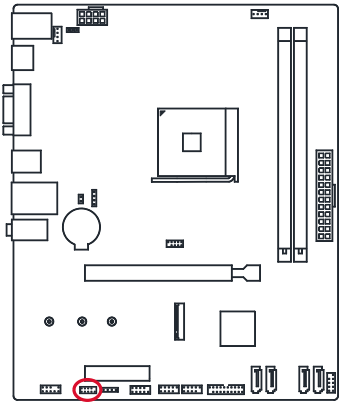
BIOS 烧录器插针

BIOS 烧录器插针可以在无法通过常规升级 BIOS 的情况下通过连接 BIOS 烧录器对主板 BIOS 进行升级。



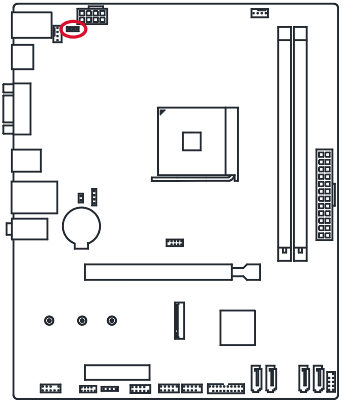
侦错灯插针

侦错灯插针可用来连接主板侦错灯，并依据侦错灯所显示的状态分析主板异常原因。



USB 带电控制跳线

USB 带电控制跳线可以控制 PS/2 接口下方的两个 USB 2.0 接口在关机状态时是否带电。主板出厂时默认 PS/2 接口下方的两个 USB 2.0 接口不带电，跳线帽插在针脚①和针脚②上。若需要使两个 USB 2.0 接口带电，首先需要关闭电脑并拔掉电源线，将跳线帽拔出并插到针脚②和针脚③上，然后重新接上电源线，此时两个 USB 2.0 接口为带电状态。





BIOS 介绍

BIOS 设置程序

进入 BIOS

在计算机开机或重启过程中，当屏幕上出现：Press DEL to run Setup 提示信息，按<Delete>键即可进入 BIOS 设置界面。

若系统 POST 程序已执行完成，您仍想进入 BIOS 设置程序时，请按下机箱上的<RESET>键重启电脑或将电脑关机后再重启电脑，重复上面的操作即可进入 BIOS。

BIOS 设置程序主界面



- 不适当或错误的 BIOS 设置可能会导致系统不稳定或开机失败，强烈建有您只有在专业人士的协助下，才可以执行 BIOS 程序设置的变更。
- 由于 BIOS 在不断升级，程序画面仅供参考，将可能与您所见的画面有所差异。 如果需要了解更详细的 BIOS 设置操作，请扫描右侧二维码下载七彩虹官方的 BIOS 用户指南。

BIOS 程序更新

每当一款新主板发布之后，其主板 BIOS 也会对应进行迭代更新，主要作用是可以支持最新发布的硬件，对已发布的硬件优化其兼容性，提升运行稳定性，或者支持新的 BIOS 功能。

- 更新 BIOS 程序存在潜在风险，如果您的计算机在使用过程中功能无异常，我们不建议您更新 BIOS 程序。
- 如需进行 BIOS 更新操作，请仔细阅读此操作指南并在专业人士指导下操作，以免操作不当造成系统毁损或数据丢失。
- 如果需要了解更详细的 BIOS 程序更新步骤，请扫描右侧二维码下载七彩虹官方的 BIOS 更新指南。

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Front audio pin 15

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Speaker pin 16

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Packaging of the product

After opening the packaging box of the motherboard, please check if all the standard accessories listed below are complete or not.

Motherboard	1× BATTLE-AX B550M-T PRO V14 motherboard or BATTLE-AX B550M-D PRO V14 motherboard
Connecting cable	2× SATA 6Gb/s data cable
Other accessories	1× Rear panel I/O Shield
User's manual	1× User's manual for motherboard

- The accessories listed above are for reference only, the delivered items may vary. Colorful reserves the right to change them.
- If any accessories listed above are damaged, please contact your dealer or Colorful customer service as soon as possible.

Diver installation instructions

You can visit the Colorful official website（http://www.colorful.cn）, search for the model of the product, find the corresponding driver in the technical support list, and download it. The onboard network card driver can also be downloaded by scanning the QR code on the right.

Product specification

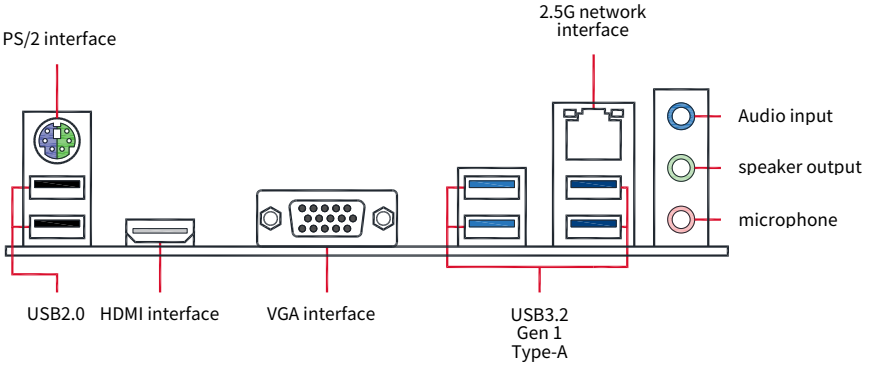
Chipset	AMD B550 chipset
CPU	Supports AMD Ryzen processors that fit the AMD AM4 slot of the motherboard *Please visit the official website of Colorful (www.colorful.cn) for the latest supported processor list
Memory	2 DDR4 memory slots, supporting up to 64 GB of memory (a single slot can support a capacity of up to 32 GB) ●Support DDR4-3600(OC)/3200/2933/2666/2400 MHz memory ●Support Extreme Memory Profile (XMP) memory technology ●Support dual channel memory technology *Please visit the official website of Colorful (www.colorful.cn) for the latest memory compatibility list
Expansion slots	1×PCIe 4.0 x16 slot 1×PCIe 3.0 x4 slot
Storage device interfaces	A total of 1 M.2 slot and 4 SATA 6Gb/s hard disk interfaces are supported ●M. 2_1 slot: support 2242/2260/2280 specifications M.2 SSD (PCIe 4.0 x4/SATA, CPU channel)
RAID	Support the creation of RAID 0, RAID 1, and RAID 10 disk arrays using SATA hard disk devices *See the official BIOS user guide of Colorful for the steps to create a RAID disk array
Audio	Realtek ALC897 high fidelity decoding chip ●Support up to 5.1 channels
Network function	RTL8125 2.5G LAN controllers

Rear I/O interfaces	2×USB 2.0 interfaces 4×USB 3.2 Gen 1 Type-A interfaces 1×HDMI 1.4 interface, up to 4K 30Hz resolution supported 1×2.5G network interface 1×VGA interface 1×PS/2 interface 3×Audio interfaces (audio input/audio output/ microphone)
Front USB expansion interfaces	2×USB 2.0 pins (support additional 4 USB 2.0 Type-A interfaces) (FUSB2.0_1、FUSB2.0_2) 1×USB 3.2 Gen 1 pin (support additional 2 USB 3.2 Gen 1 Type-A interface) (FUSB3.0)
Onboard pin/ jumper/key	1×CPU fan pin (CPU_FAN) 1×System fan pin (CHA_FAN) 1×12V 4-pin RGB pin (FAN_RGB_HEADER) 1×Front audio pin (F_AUDIO) 1×Front panel pin (F_PANEL) 1×Speaker pin (SPEAK) 1×Clear CMOS jumper (CLR_CMOS) 1×COM port pin (COM) 1×BIOS burner pin (JBIOS) 1×Debug light pin (DEBUG) 1×USB live control jumper (JPS1)
Dimension of motherboard	M-ATX Form Factor 197mm x 240mm

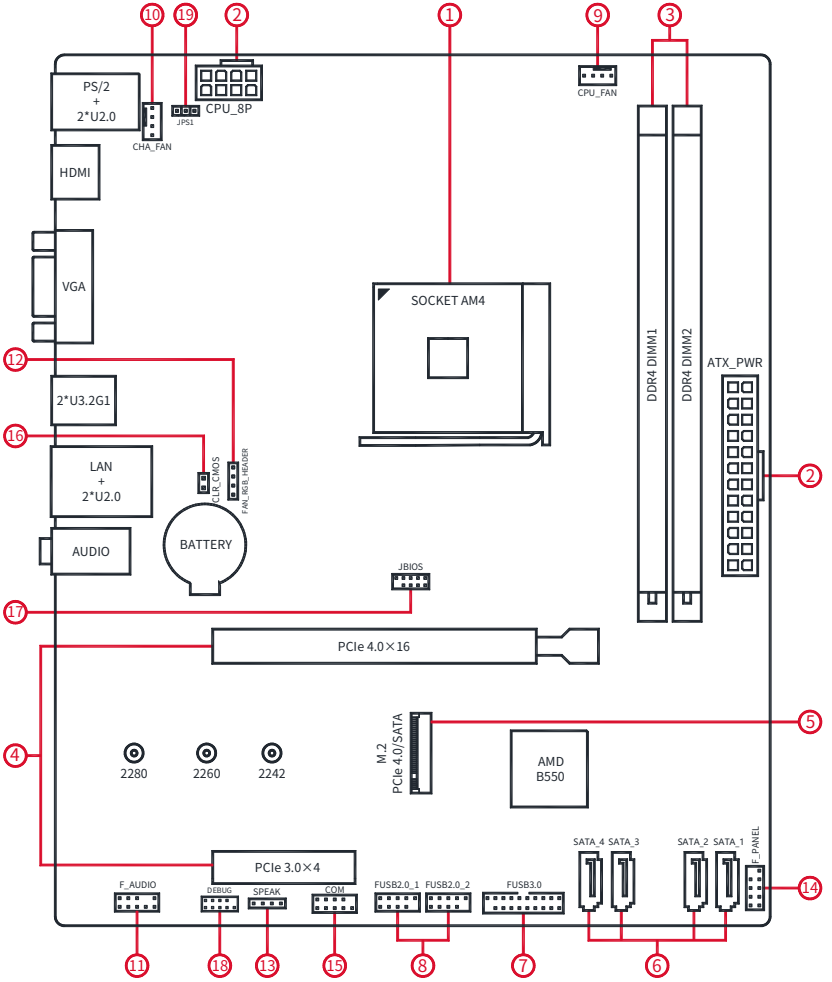
- The specification of the motherboard is subject to the launched product. If there is any change, please visit the Colorful official website for the latest specification.

I/O interfaces introduction

BATTLE-AX B550M-T PRO V14 / BATTLE-AX B550M-D PRO V14



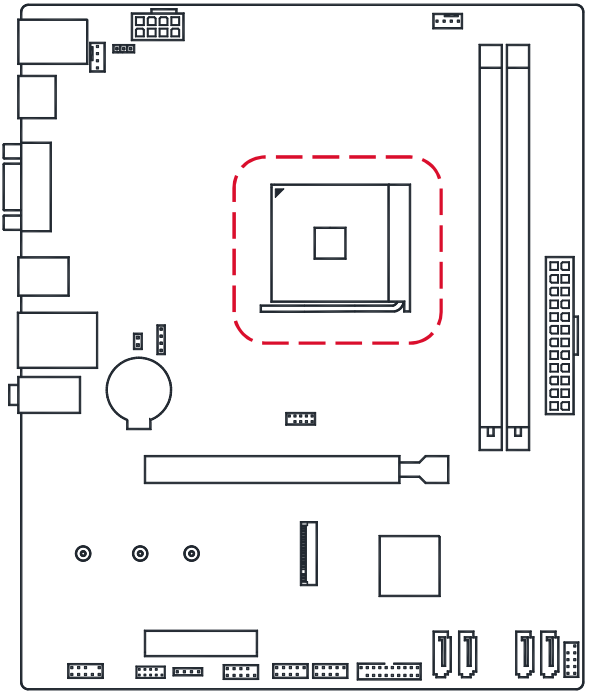
Motherboard layout



Introduction to motherboard layout:	
① CPU slot	② Power interface
③ Memory slot	④ PCIe expansion slot
⑤ M.2 slot	⑥ SATA 6Gb/s interface
⑦ Front USB 3.2 Gen 1 pin	⑧ Front USB 2.0 pin
⑨ CPU fan pin	⑩ System fan pin
⑪ Front audio pin	⑫ 12V RGB pin
⑬ Speaker pin	⑭ Front panel pin
⑮ COM port pin	⑯ Clear CMOS jumper
⑰ BIOS burner pin	⑱ Debug light pin
⑲ USB live control jumper	

CPU slot

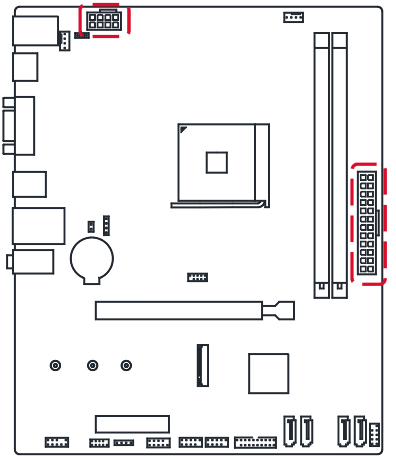
There is one SOCKET AM4 processor slot on the motherboard, matching with B550 chipset, supporting the AMD Ryzen series Processors.

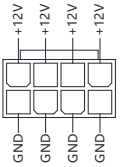


- This slot only supports a processor that fits the SOCKET AM4 slot, and the CPU must be installed in the correct direction. Do not install the CPU into the socket in the wrong way to avoid damaging the pins in the CPU.
- Before installing or removing the CPU, please confirm that the power has been turned off and all power interfaces have been unplugged.
- The CPU generates a large amount of heat during operation, and overheating will damage the CPU. Please apply radiator and heat dissipation silicone grease to ensure sufficient heat dissipation of the CPU.
- If the CPU or motherboard is damaged due to incorrect installation, no warranty service from Colorful will be available.

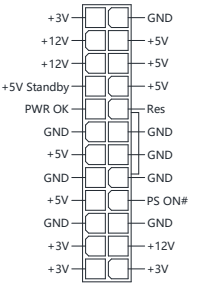
Power interface

There is one 24-pin motherboard power supply interface and one 8-pin CPU power supply interface on the motherboard. The connection plug between the power interface of the motherboard and the power supply has a foolproof design, and only the connection in the correct direction can be achieved. After finding the correct direction, insert the connecting plug into the interface and check whether it is loose.





CPU_8P



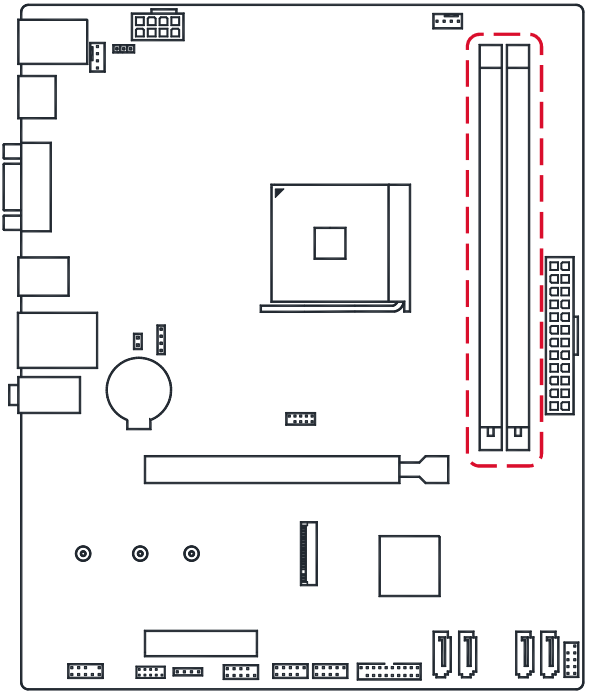
ATX_PWR

- When installing a hardware device with a higher power, be sure to use a power supply with a higher output power to meet the power demand of the device. If the output power of the power supply is too low, thecomputer may become unstable or cannot be powered on.

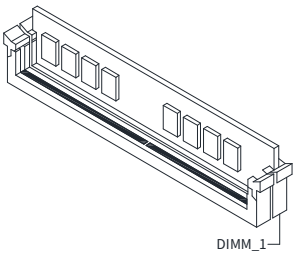
Memory slot

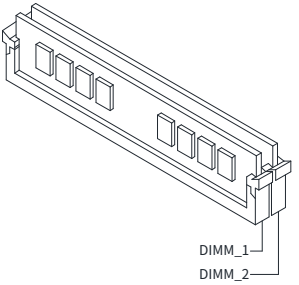
There are two DDR4 memory slots on this motherboard, which supports up to 64 GB of memory (a single slot can support a capacity of up to 32 GB).

- Support DDR4-3600(OC)/3200/2933/2666/2400 MHz memory
- Support dual channel memory and Extreme Memory Profile (XMP) memory technology.
- The upper limit of the memory frequency of the motherboard is determined by the performance of the CPU memory controller and the granular characteristics of the memory itself. Please visit the Colorful official website （http://www.colorful.cn）to check the latest memory compatibility list.



Suggestions for memory installation

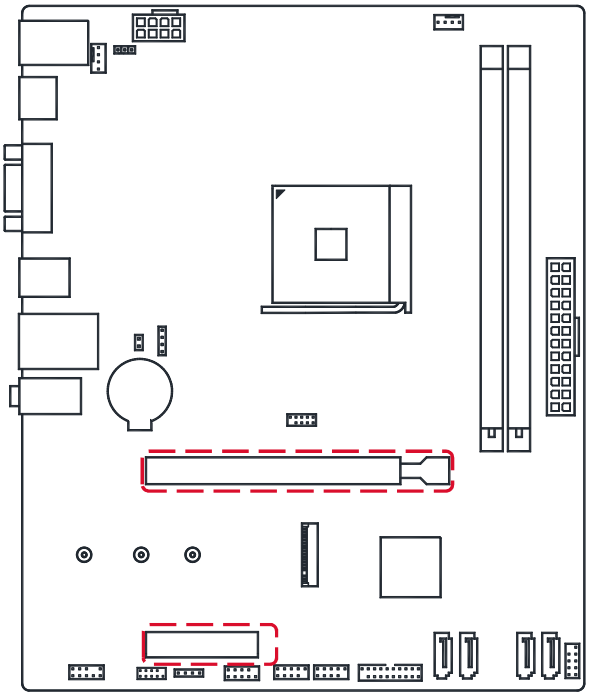




- The default operating frequency of the memory is determined by its SPD, and the frequency of some memory during overclocking may be lower than the promotional value from the manufacturer.
- To properly enable the dual channel memory and ensure stability, it is recommended to install the memory bank of the same capacity, speed, and granularity from the same manufacturer to achieve the best compatibility and performance.

PCIe expansion slot

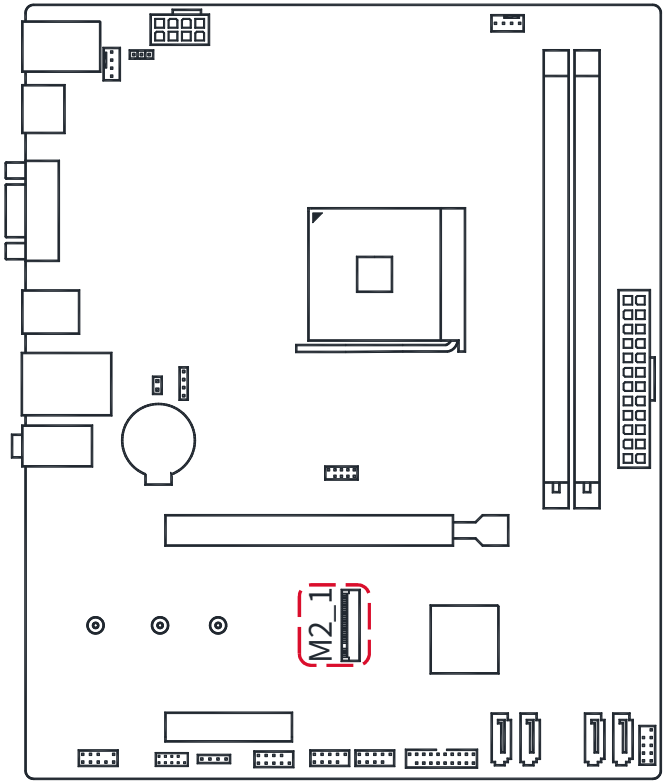
There is one PCIe 4.0 x16 slot, and one PCIe 3.0 x 4 slot on this motherboard, which can be used to install an independent graphics card, network card, and other expansion cards. If you need to install a heavier graphics card, please use a graphics card bracket to prevent the PCIe slot from deforming.



- Before installing or removing the expansion card, please turn off the computer and unplug the power cord to avoid unexpected accidents such as electric shock.

M.2 slot

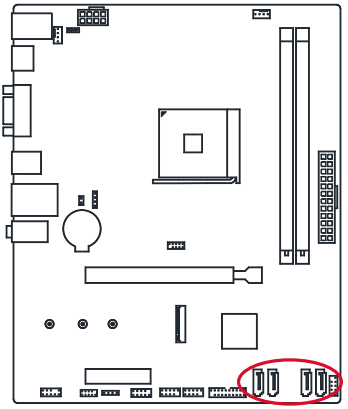
There is one M.2 slot on this motherboard, which can be used for installing M.2 SSD module.

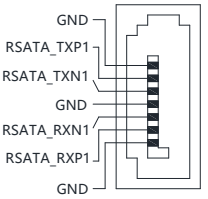


Specification of M.2 slot	
M2_1	Support 2242/2260/2280 PCIe 4.0 x4/SATA SSD

SATA 6Gb/s interface

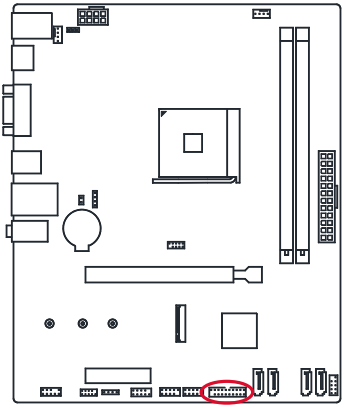
There are four SATA 6Gb/s interfaces on the motherboard, which support the connection of the SATA 6Gb/s hard disk.

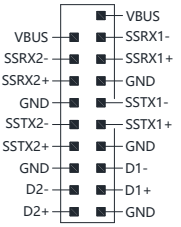




Front USB 3.2 Gen 1 pin

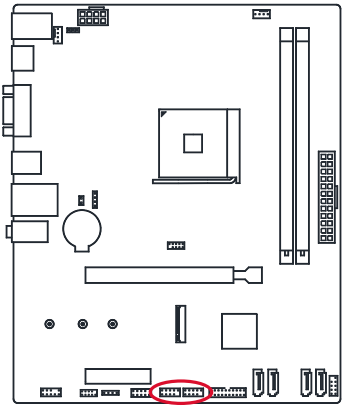
There is one front USB 3.2 Gen 1 expansion pin on the motherboard, which can be expanded to two USB 3.2 Gen 1 Type-A interfaces while providing backward compatibility for USB 2.0 devices.

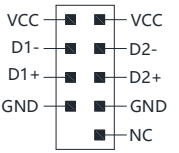




Front USB 2.0 pin

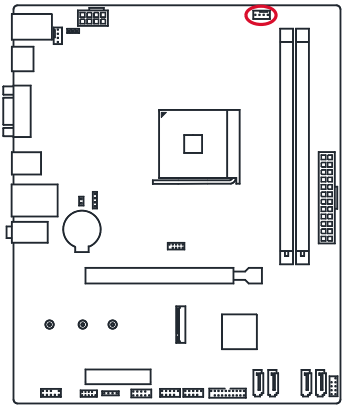
There are two front USB 2.0 expansion pins on the motherboard, which can be expanded to four USB 2.0 interfaces.

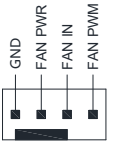


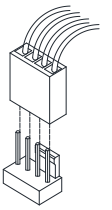


CPU fan pin

There is one 4-pin CPU fan pin on the motherboard. The socket comes with a foolproof design, and the correct direction must be checked before installation. The cooling fan with a speed control function can reduce the temperature of the CPU and provide a cooling function.

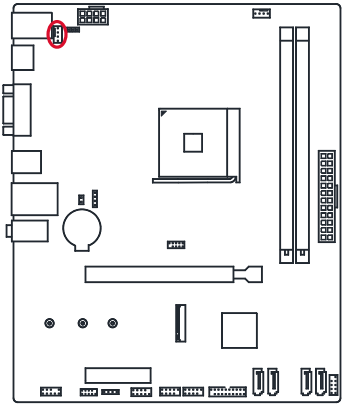


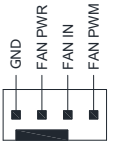


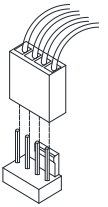


System fan pin

The motherboard provides a 4-pin system fan socket which has foolproof design and please pay attention to the direction when installing.The cooling fan with the rotating speed control function can lower the temperature in the chassis and help the chassis to dissipate heat.

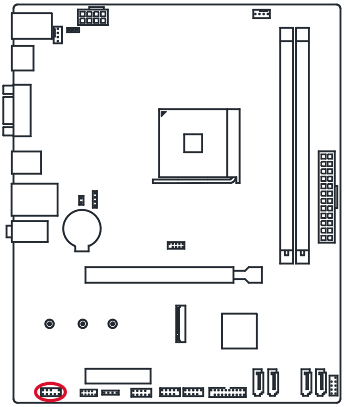


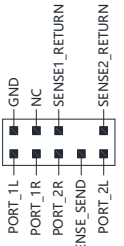




Front audio pin

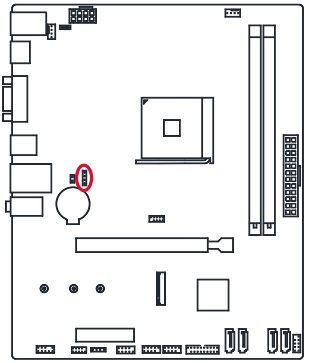
The audio interface on the front panel of the case can be connected to the front audio pin through the audio cable in the case, allowing audio input/output and other functions through the audio interface on the front panel.

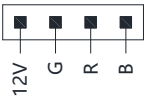




12V RGB pin

There is one 12V 4-pin RGB pin on the motherboard, which is used for connecting 12V RGB devices.

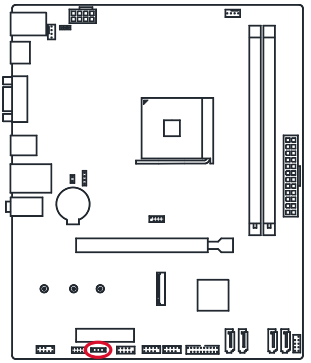


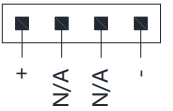


- The motherboard supports light effect control. To adjust the light effect mode, please enter the BIOS for operation.
- ARGB fan is an optional device, and it shall be purchased additionally if it is to be used.

Speaker pin

There is one speaker pin on the motherboard, which can be used for connecting the speaker located on the case.





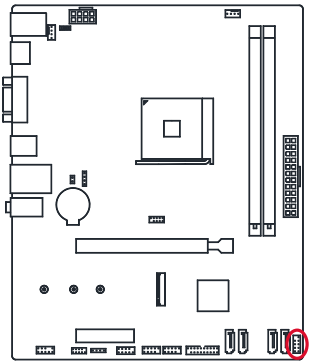
Front panel pin

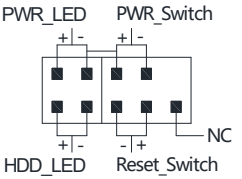
PWR_ Switch: the power switch. Connect this pin with a short circuit to start the computer.

Reset_ Switch: the restart switch. Connect this pin with a short circuit to restart the computer without turning off the system power.

PWR_ LED: power indicator. This light will be lit when the system is powered on.

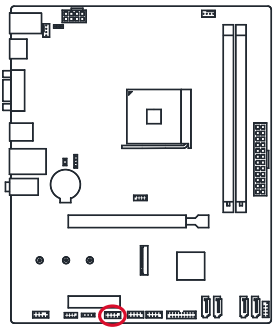
HD_ LED: hard disk indicator. This light will be lit when accessing data on the hard disk.

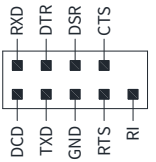




COM port pin

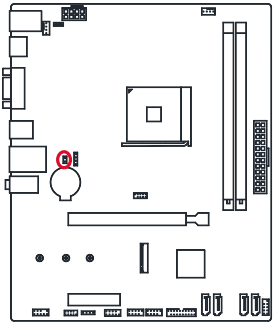
The COM port pin can be used to connect the COM port module. First, connect the data cable of the COM port module to the COM port pin, then fix the module in the empty slot on the rear panel of the case, allowing the connection of the COM port device.





Clear CMOS jumper

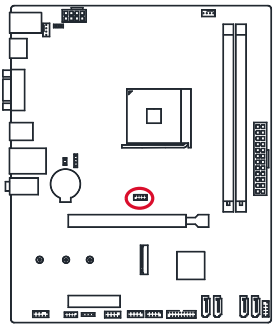
Clear CMOS jumper can be used to clear data in the CMOS memory of the motherboard. In CMOS memory it stores the BIOS setting parameters and is powered by the battery on the main board independently. If you need to clear CMOS data, first turn off the computer and unplug the power cord, insert the jumper cap onto the CMOS pin, and make the two pins Short connect the feet for 5 seconds, then pull out the jumper cap, wait for 5 minutes, and then start the computer to enter the BIOS Reset BIOS parameters.





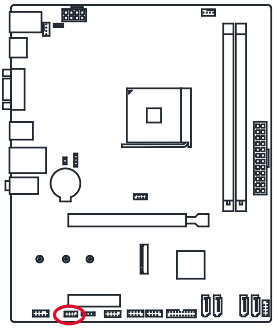
BIOS burner pin

When the BIOS cannot be upgraded by conventional methods, the BIOS burner pin can upgrade the BIOS of the motherboard by connecting the BIOS burner.



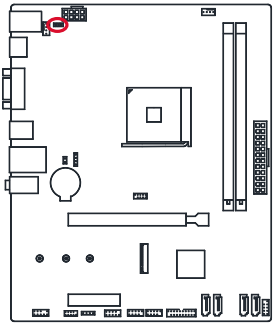
Debug light pin

The debug light pin can be used to connect to the motherboard debug light, And analyze the cause of abnormal motherboard based on the status displayed by the debugging light.



USB live control jumper

The USB powered control jumper can control whether the two USB 2.0 interfaces below the PS/2 interface are powered off. When the motherboard leaves the factory, the two USB 2.0 interfaces below the PS/2 interface are not charged by default, and the jumper caps are inserted on pins ① and ②. If you need to power up two USB 2.0 interfaces, first turn off the computer and unplug the power cord. Pull out the jumper cap and plug it into pins ② and ③, and then reconnect the power cord. At this time, both USB 2.0 interfaces are in a live state.





BIOS introduction

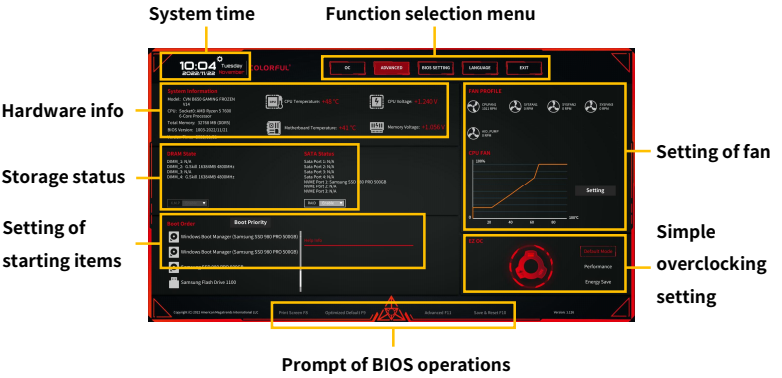
BIOS setting program

Enter BIOS

When the prompt "Press DEL to run Setup" appears on the screen during the startup or restart of the computer, press the <Delete> key to enter the BIOS setting interface.

If the system's POST program has been executed and you still want to enter the BIOS Setup program, please press the <RESET> key on the case to restart the computer or turn off the computer and restart it. Repeat the above steps to enter the BIOS.

Main interface of BIOS setting program



- Improper or incorrect BIOS settings may lead to system instability or boot failure. It is strongly recommended that you change BIOS program settings only with the assistance of professionals.
- Since BIOS is constantly upgraded, the current program interface is only for reference, which may be different from the picture you see. If you need more detailed BIOS setting information, please scan the QR code on the right to download the official BIOS user guide of Colorful.

Update of BIOS program

Every time a new motherboard is released, its motherboard BIOS will also be updated iteratively. The main function of such a process is to support the latest released hardware, optimize its compatibility with the released hardware, improve its running stability, or support new BIOS functions.

- There are potential risks in updating the BIOS program. If your computer works normally, we do not recommend that you update the BIOS program.
- If you need to update BIOS, please read this operation guide carefully and operate under the guidance of professionals to avoid system damage or data loss due to improper operation.
- If you need a more detailed BIOS program update procedure, please scan the QR code on the right to download the official BIOS update guide of Colorful.