

HPE Gen10 Plus 服务器通过 iLO 挂载引导 安装 Ubuntu 22.04 系统的安装方法

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一. 适用范围与注意事项

- 本文档旨在说明 HPE Gen10 Plus 系列服务器通过 iLO 安装系统的方法，并以 DL380 Gen10 Plus 服务器安装 Ubuntu 22.04 为例进行安装步骤说明。
若使用 S100i 板载软 RAID 创建阵列，则仅支持安装 Windows Server 系统。
安装过程中您可能需要借助其他工具完成部分操作。如需了解详细介绍，请参考本文档<[安装准备](#)>的内容查看。
- 本文所述安装过程基于 iLO Advanced License，若您的 iLO 尚未购买高级授权，请联系经销商购买并在激活后使用。若您曾添加试用版授权且已超过 60 天试用期，则该主机将无法再次添加试用版授权，本文的安装方法也将不适用。
- 实际情况是否适用本文档，请通过下面导航链接进行确认：
<https://zhiliao.h3c.com/Theme/details/218270>
- 提示：
本文档中的信息（包括产品，软件版本和设置参数）仅作参考示例，具体操作与目标需求设置请以实际为准。
本文档不定期更新维护，请以发布的最新版本为准。

二. 安装准备

1. 系统兼容性查询

具体确认方法请参考：<https://zhiliao.h3c.com/Theme/details/216161>

2. 系统安装介质获取

具体方法请参考：<https://zhiliao.h3c.com/Theme/details/216393>

3. 阵列配置

如果有配置阵列的需求，请在阵列配置完成后再安装系统。

具体阵列配置方法请参考：<https://zhiliao.h3c.com/Theme/details/218271>

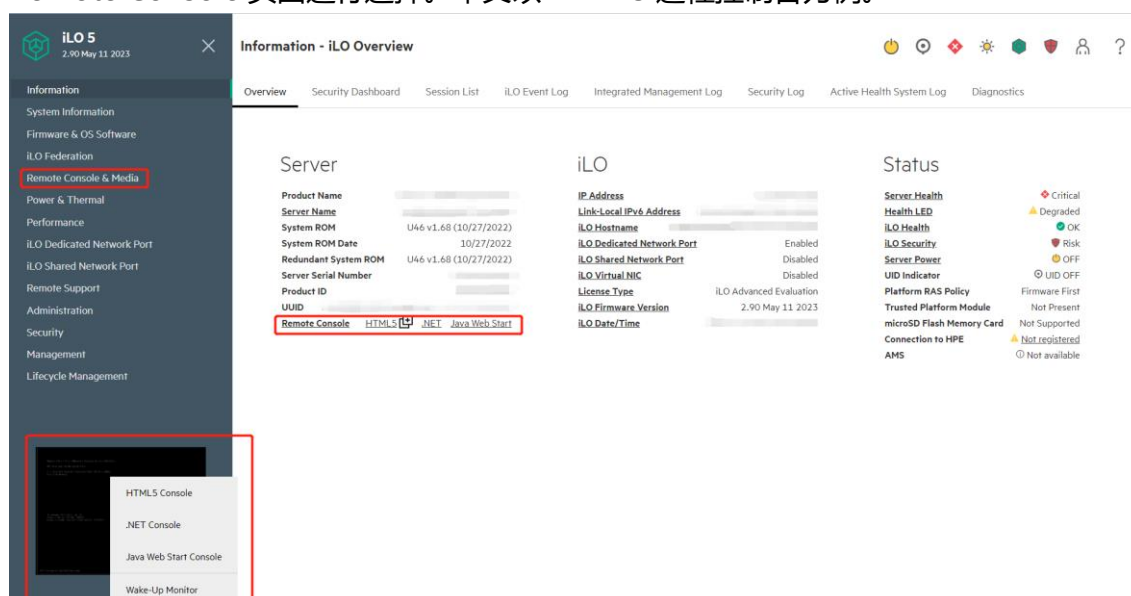
4. 连接 iLO 与启用远程控制台

具体方法请参考：<https://zhiliao.h3c.com/Theme/details/216337>

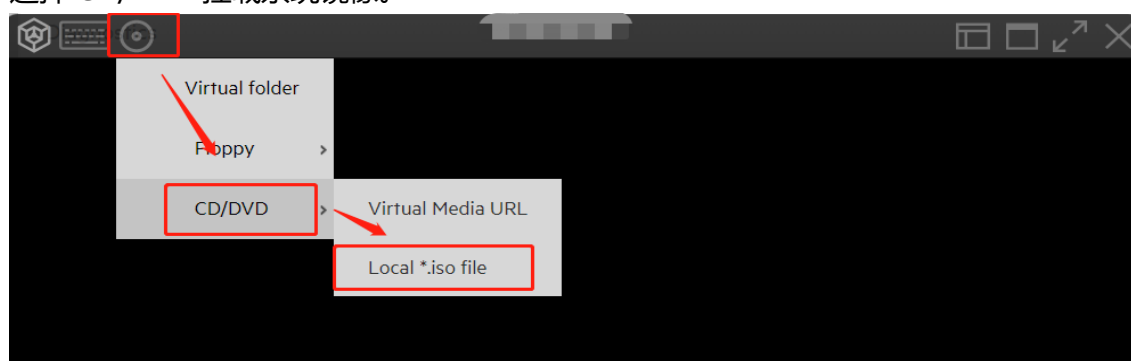
三. 安装步骤

1. 挂载系统安装介质

1.1 通过 iLO 5 页面 Information -> Overview 的 Remote Console 选项, 或页面左下方 Remote Console 选区可直接启用远程控制台；也可在 Remote Console & Media - iLO Integrated Remote Console 页面进行选择。本文以 HTML5 远程控制台为例。

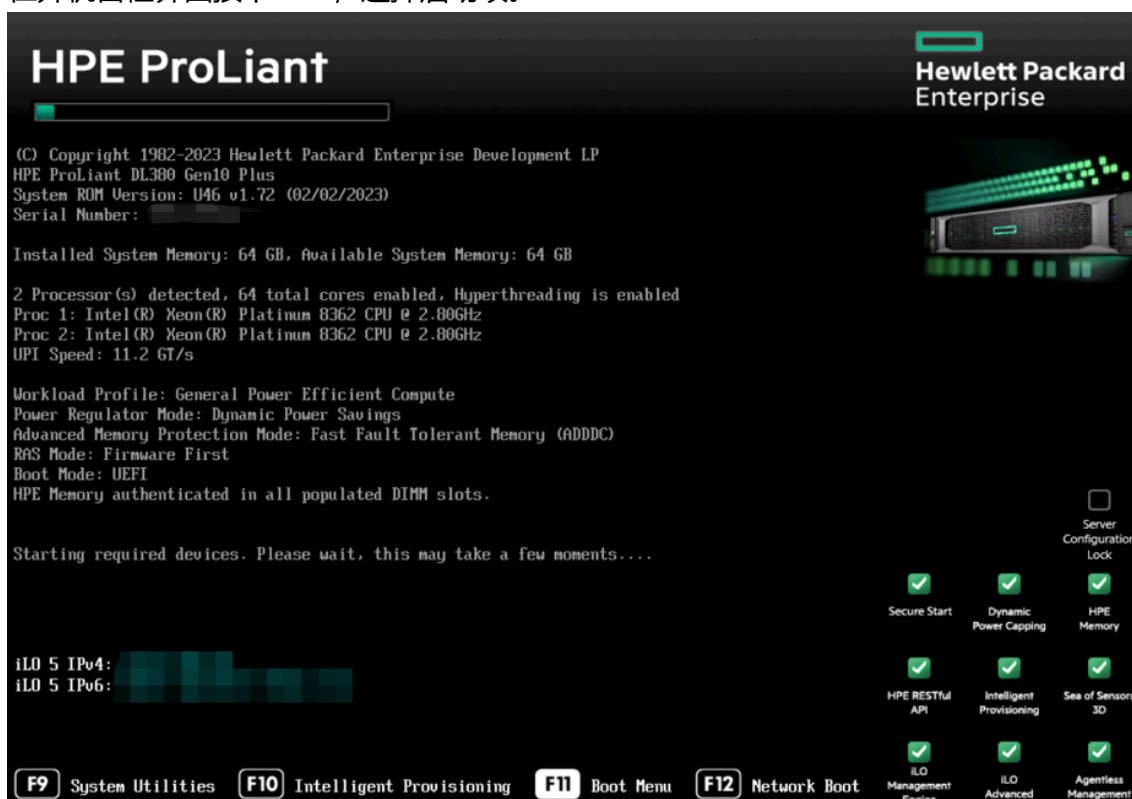


1.2 选择 CD/DVD 挂载系统镜像。

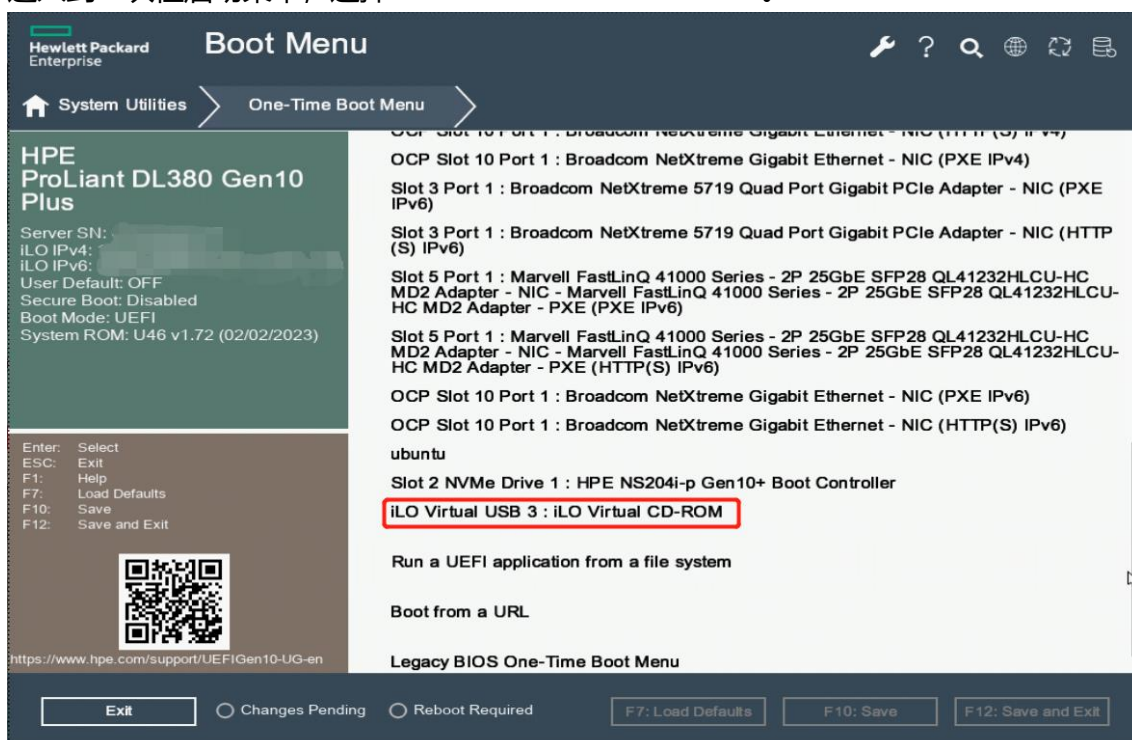


2. 引导系统安装

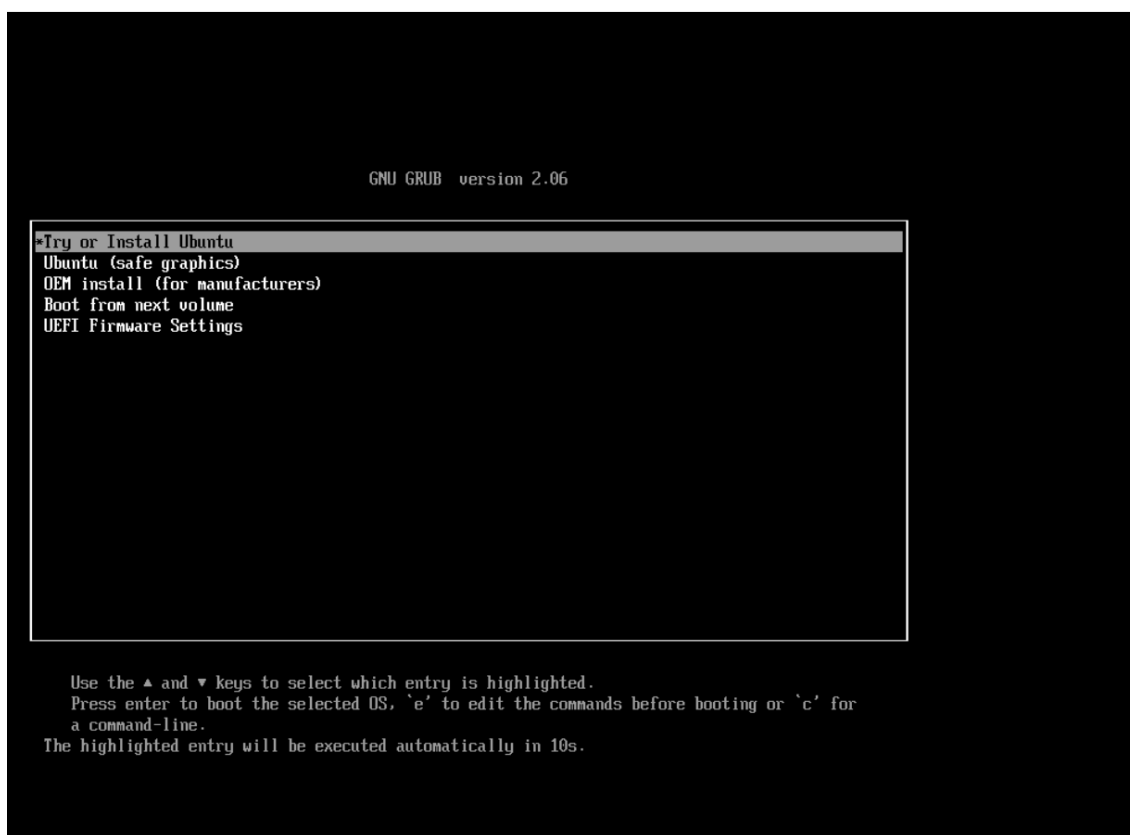
2.1 在开机自检界面按下 **F11**，选择启动项。



2.2 进入到一次性启动菜单，选择 **iLO Virtual USB CD-ROM**。



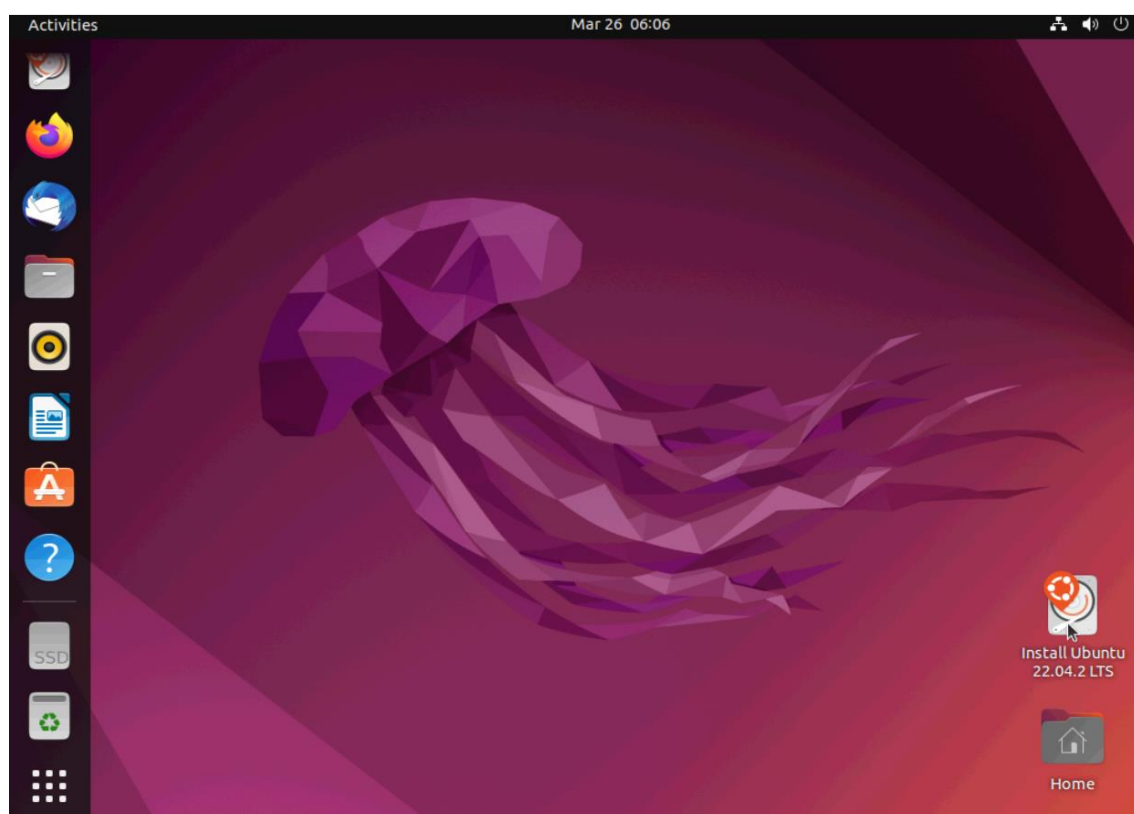
2.3 选择 **Try or Install Ubuntu**。



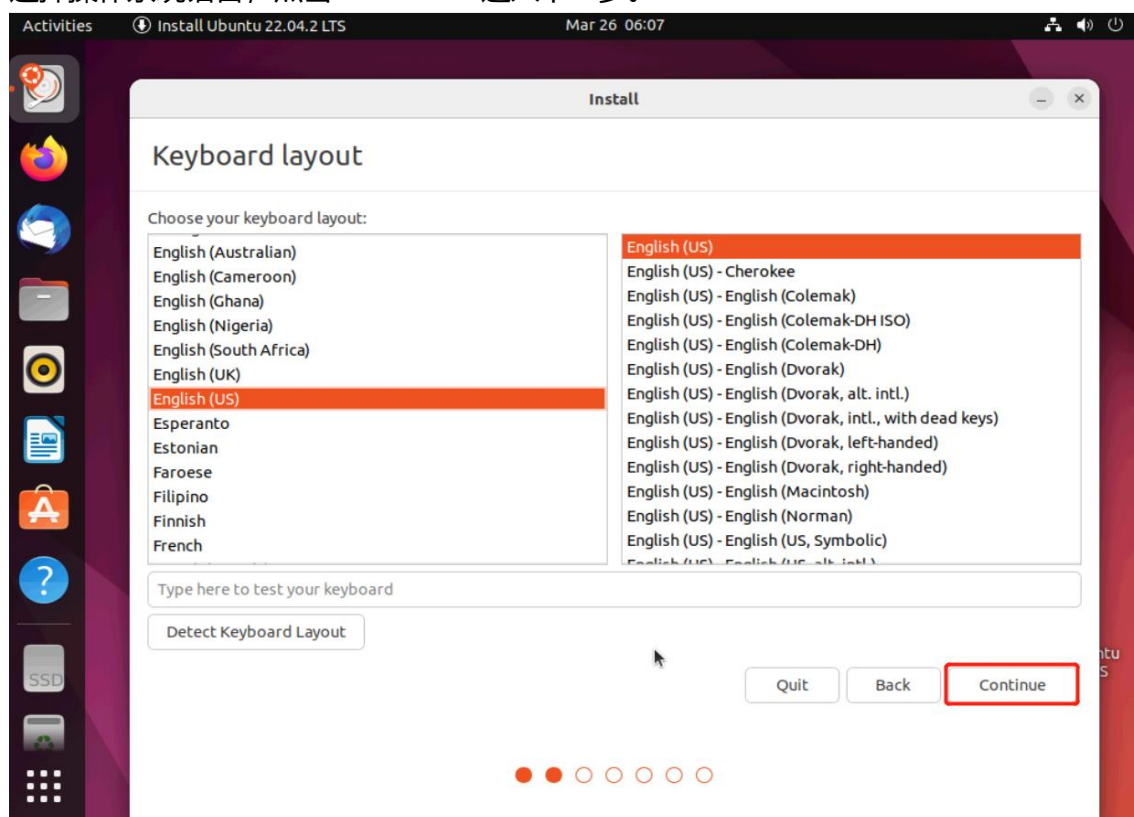
2.4 正在加载引导进安装界面。

```
Metadata kept in Windows cache, refused to mount.
Falling back to read-only mount because the NTFS partition is in an
unsafe state. Please resume and shutdown Windows fully (no hibernation
or fast restarting.)
Could not mount read-write, trying read-only
The disk contains an unclean file system (0, 0).
Metadata kept in Windows cache, refused to mount.
Falling back to read-only mount because the NTFS partition is in an
unsafe state. Please resume and shutdown Windows fully (no hibernation
or fast restarting.)
Could not mount read-write, trying read-only
The disk contains an unclean file system (0, 0).
Metadata kept in Windows cache, refused to mount.
Falling back to read-only mount because the NTFS partition is in an
unsafe state. Please resume and shutdown Windows fully (no hibernation
or fast restarting.)
Could not mount read-write, trying read-only
passwd: password expiry information changed.
dbus-daemon[1709]: [session uid=999 pid=1709] Activating service name='org.gtk.vfs.Daemon' requested by ':1.0' (uid=999 pid=171
 comm="" label="unconfined")
dbus-daemon[1709]: [session uid=999 pid=1709] Successfully activated service 'org.gtk.vfs.Daemon'
dbus-daemon[1709]: [session uid=999 pid=1709] Activating service name='org.gtk.vfs.Metadata' requested by ':1.0' (uid=999 pid=1
 io comm="" label="unconfined")
fuse: device not found, try 'modprobe fuse' first
dbus-daemon[1709]: [session uid=999 pid=1709] Successfully activated service 'org.gtk.vfs.Metadata'
A connection to the bus can't be made
Using CD-ROM mount point /cdrom/
Identifying... [8bd98cb94037ea750e257d39a1fa3371-2]
Scanning disc for index files...
Found 2 package indexes, 0 source indexes, 0 translation indexes and 1 signatures
Found label 'Ubuntu 22.04.2 LTS _Jammy Jellyfish_ - Release amd64 (20230223)'
This disc is called:
'Ubuntu 22.04.2 LTS _Jammy Jellyfish_ - Release amd64 (20230223)'
Copying package lists...gpgv: Signature made Thu Feb 23 04:13:34 2023 UTC
gpgv: using RSA key 843938DF228D22F7B3742BC0D94AA3F0EFE21092
gpgv: Good signature from "Ubuntu CD Image Automatic Signing Key (2012) <cdimage@ubuntu.com>"
Reading Package Indexes... Done
Writing new source list
Source list entries for this disc are:
deb cdrom:[Ubuntu 22.04.2 LTS _Jammy Jellyfish_ - Release amd64 (20230223)]/ jammy main restricted
Repeat this process for the rest of the CDs in your set.
[ OK ] Finished Set console font and keymap.
[ OK ] Finished Uncomplicated firewall.
[ OK ] Reached target Preparation for Network.
[ OK ] Finished Create Volatile Files and Directories.
Starting Userspace Out-Of-Memory (OOM) Killer...
```

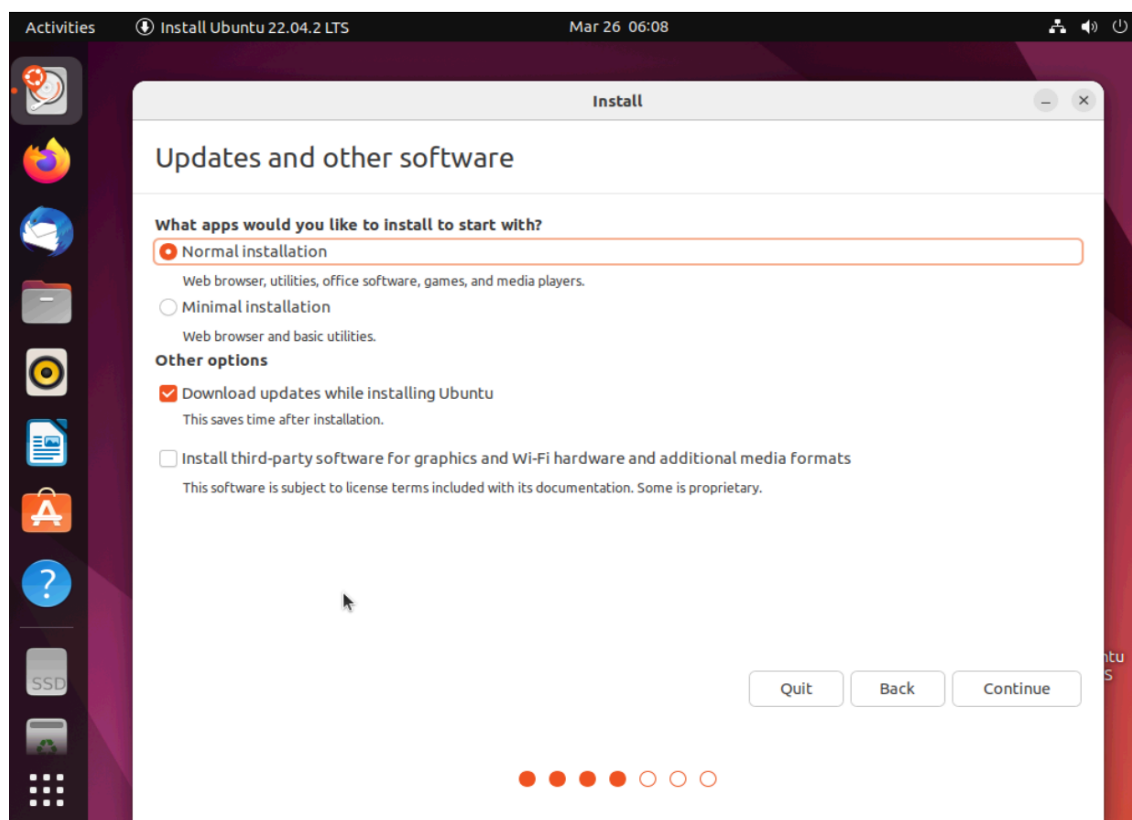
2.5 选择 Install Ubuntu 选项，开始安装操作系统。



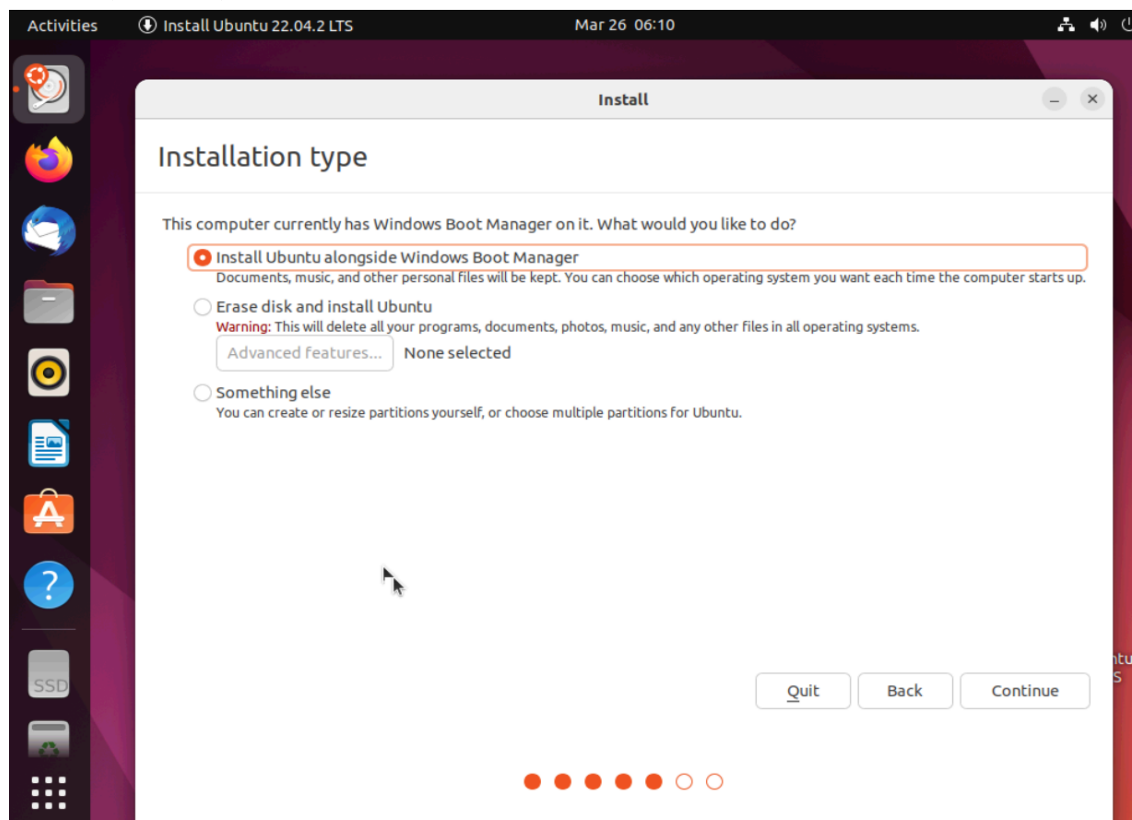
2.6 选择操作系统语言，点击 **Continue** 进入下一步。



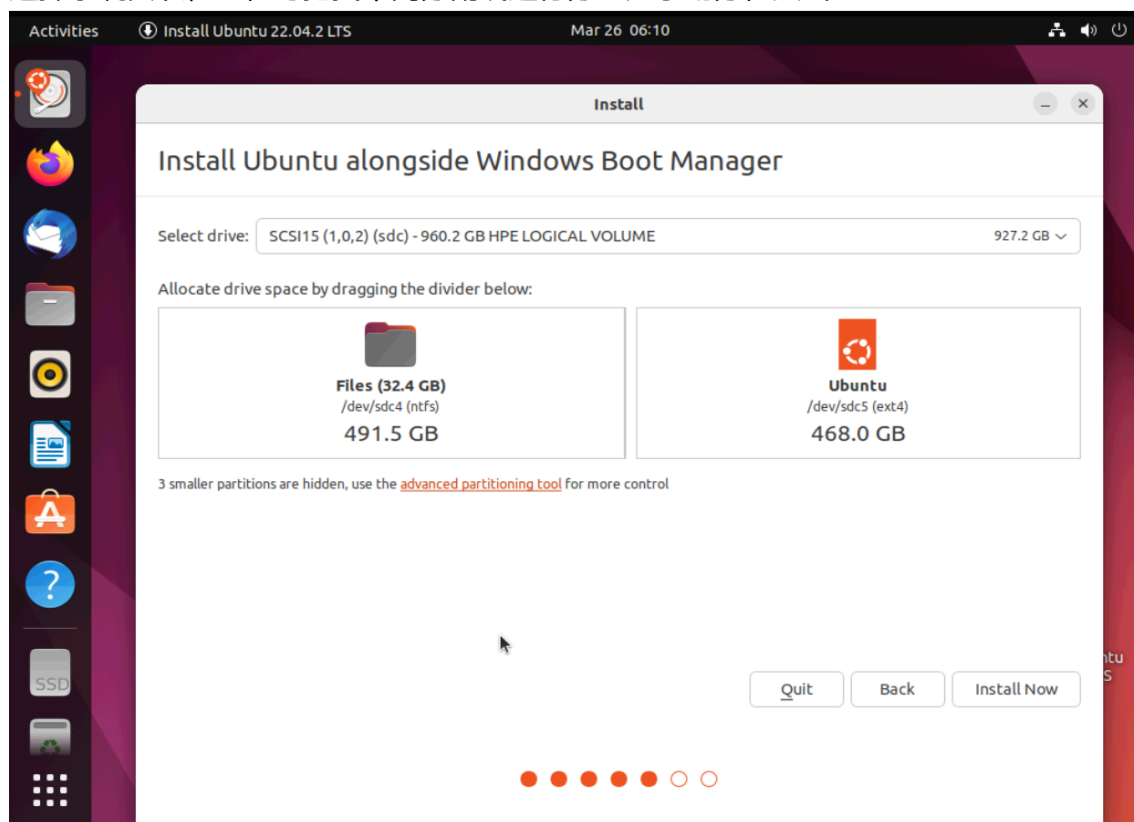
2.7 选择安装模式，正常安装或最小化安装，是否安装时下载更新 Ubuntu、安装第三方软件等。



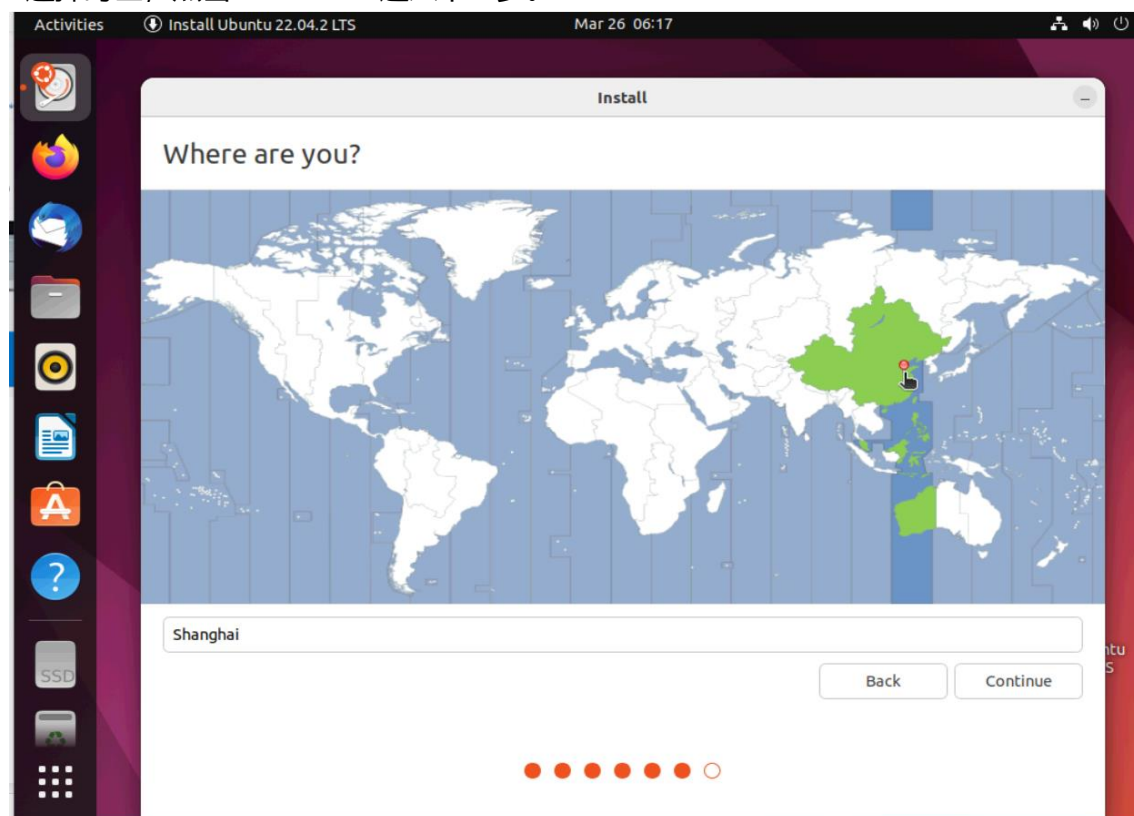
2.8 选择安装类型，这里选择 Install Ubuntu alongside Windows Boot Manager, Something else 可以自定义分区。



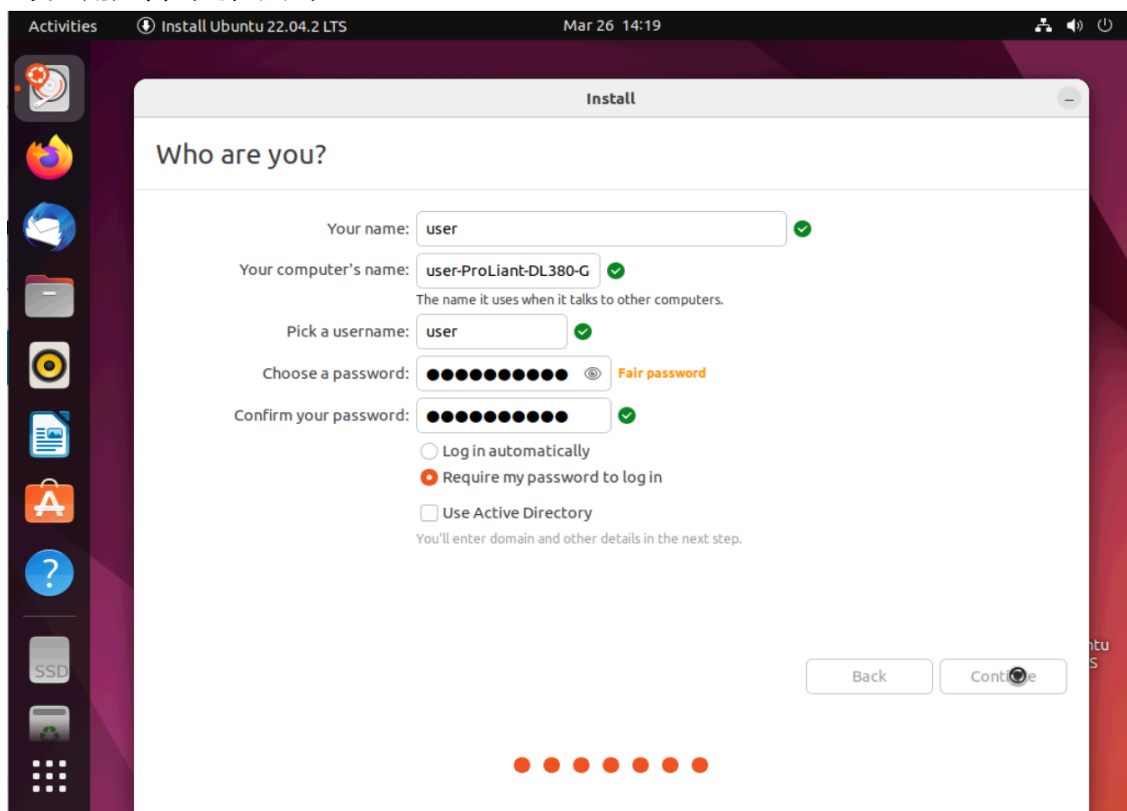
2.9 选择系统安装位置，可拖拽中间分割线进行分区大小划分，点击 **Install Now**。



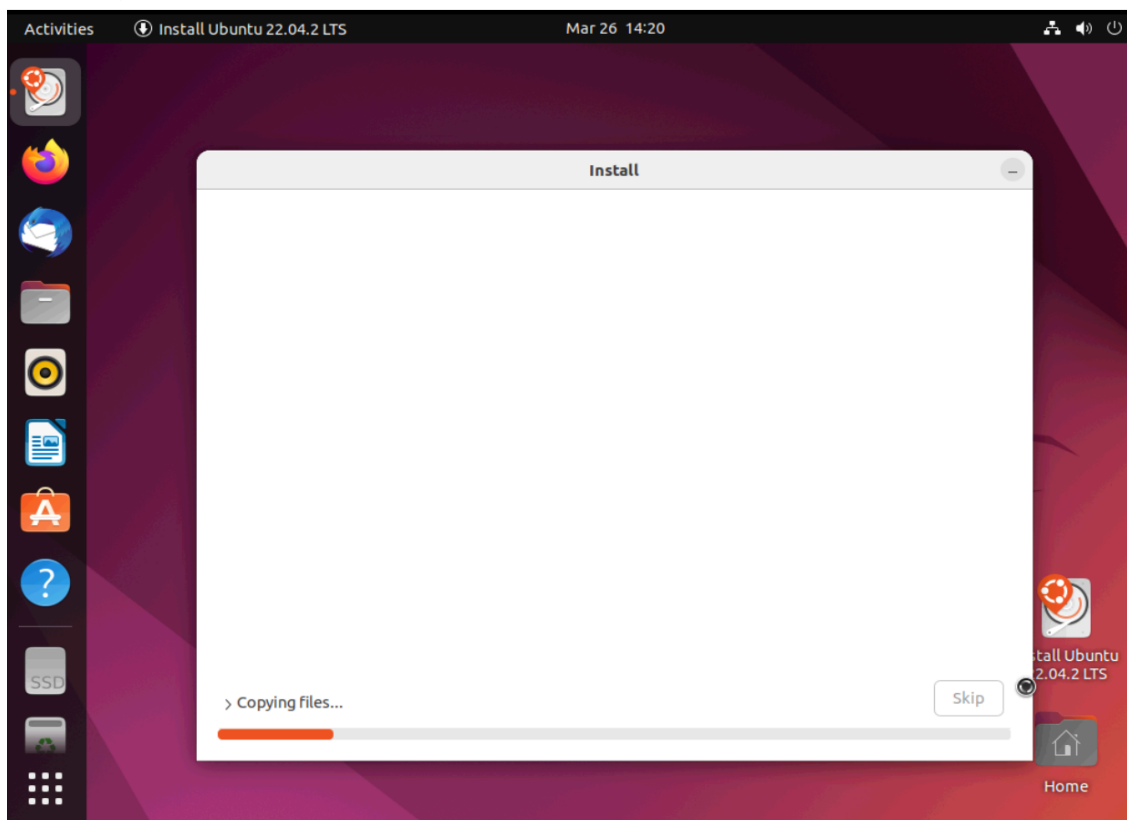
2.10 选择时区，点击 **Continue** 进入下一步。

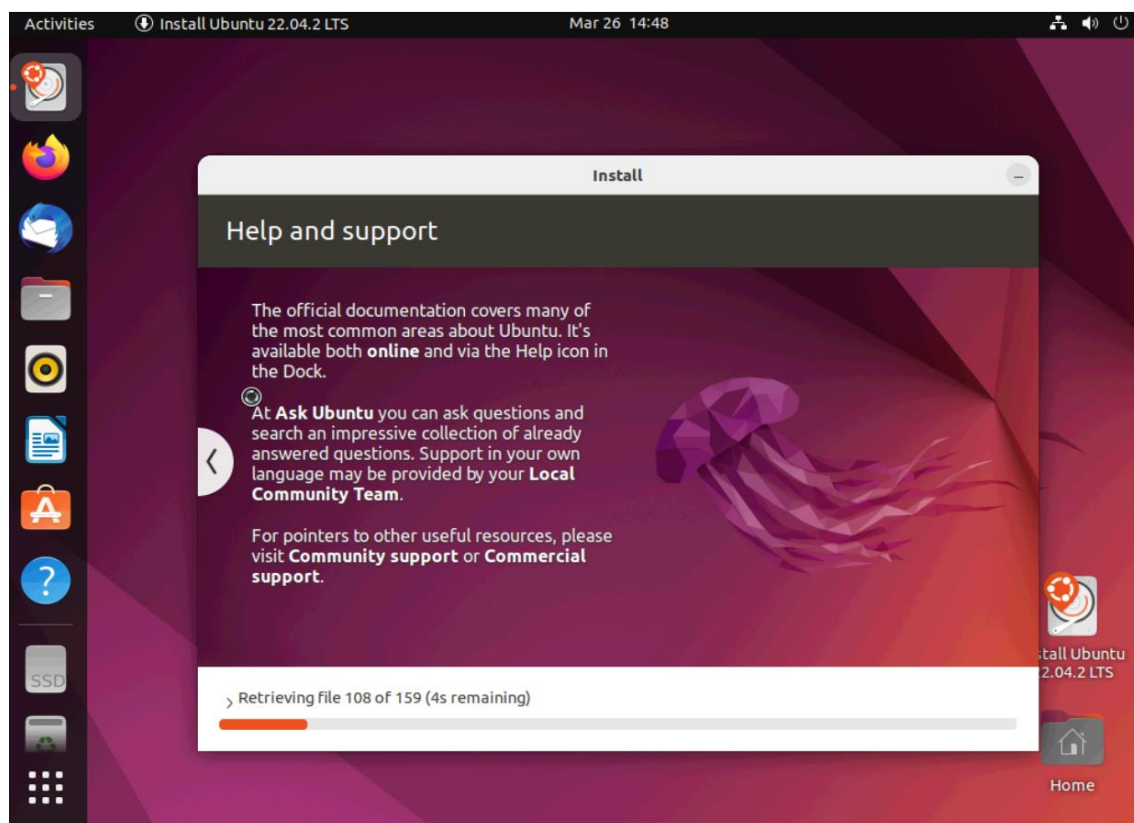


2.11 设置用户名密码，点击 **Continue**。

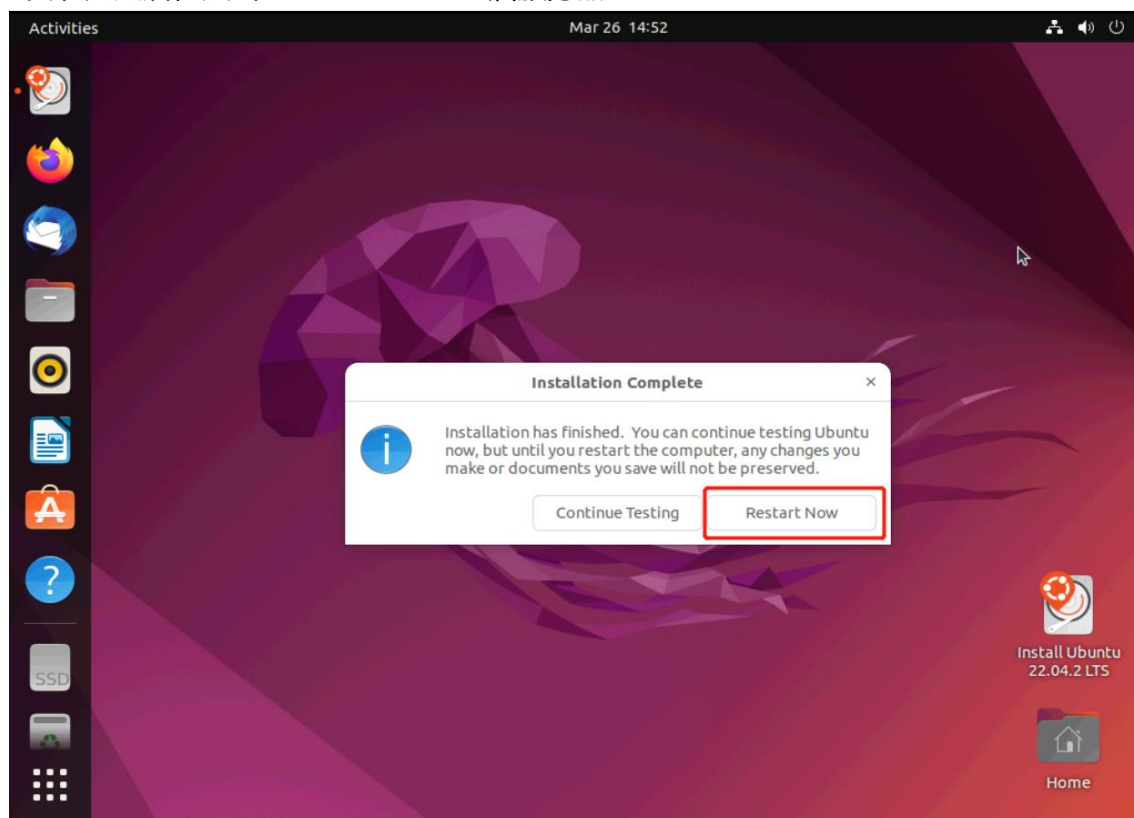


2.12 等待安装。





2.13 安装完成后，点击 **Restart Now** 重启服务器。



2.14 自动引导进入系统。

