

HPE Gen11 服务器通过 U 盘引导 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 Gen11 系列服务器通过 U 盘安装系统的方法，并以 DL380 Gen11 服务器安装 Ubuntu 22.04 为例进行安装步骤说明。
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。
- 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

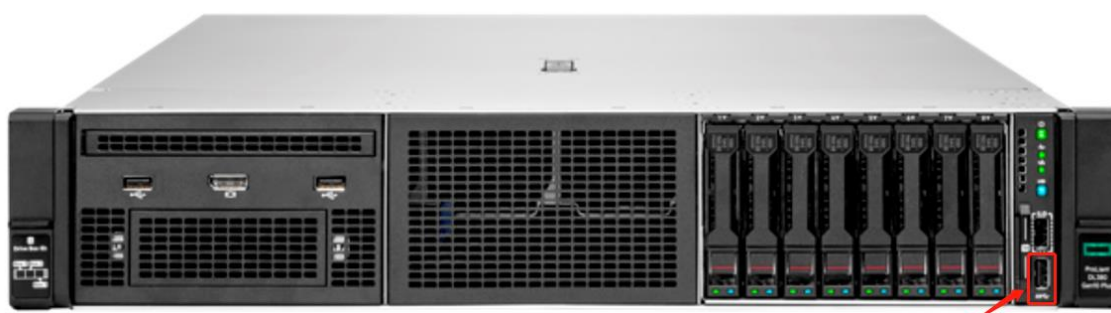
具体方法请参考：<https://zhiliao.h3c.com/Theme/details/216337>

三. 安装步骤

1. 安装启动 U 盘

服务器通常默认配置多个 USB 接口，对外接口一般位于前后两侧面板。下图以 2U 服务器为例，可在右侧挂耳附近看到 USB 接口。

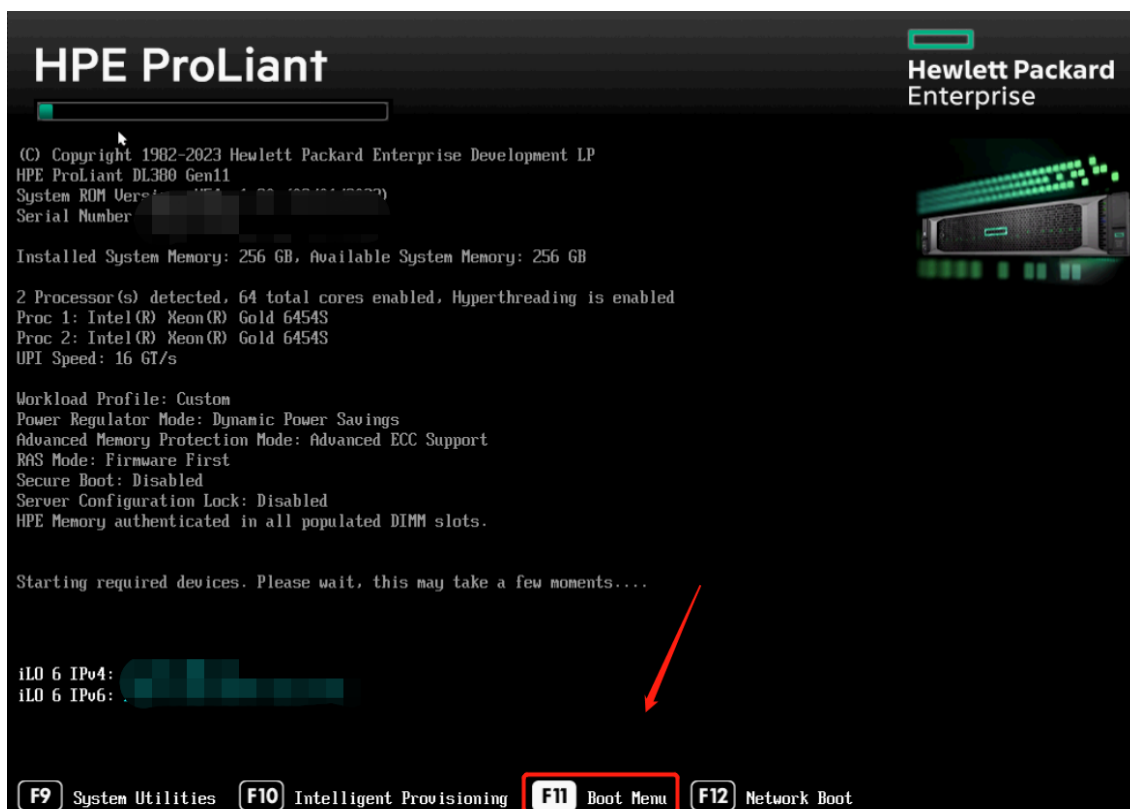
请将已制作完成的启动 U 盘插入服务器 USB 接口，然后参考下一步继续。



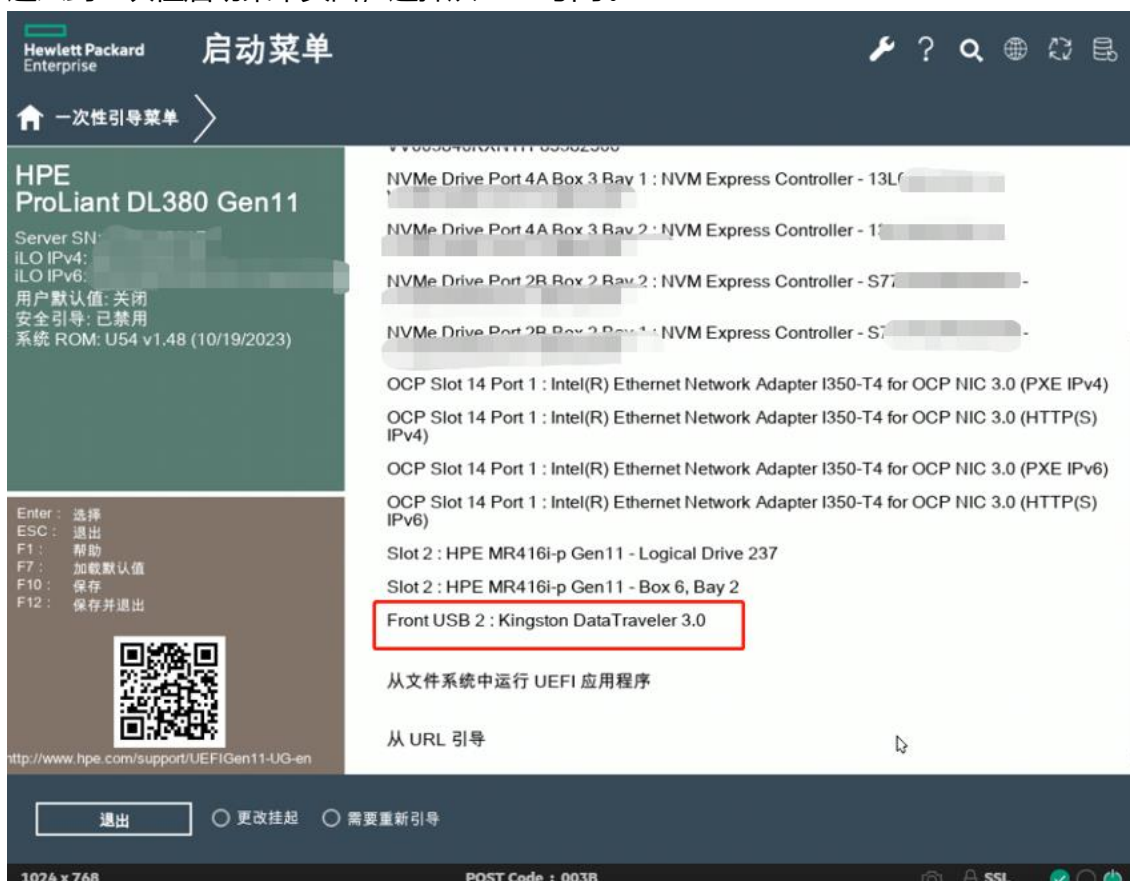
注：请勿将启动 U 盘连接到虚框标识的 iLO USB 服务接口。引导 U 盘的可用接口标识为  和 .

2. 引导系统安装

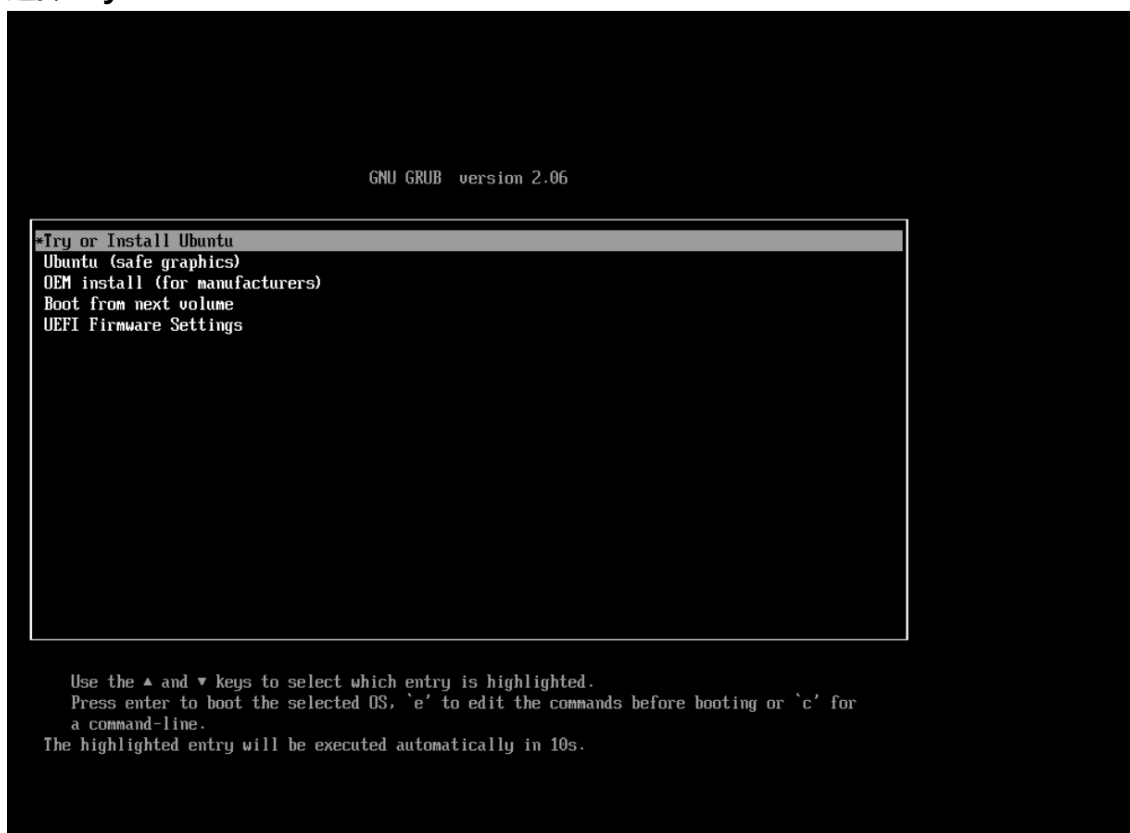
2.1 在开机自检界面按下 **F11**，选择启动项。



2.2 进入到一次性启动菜单页面，选择从 USB 引导。



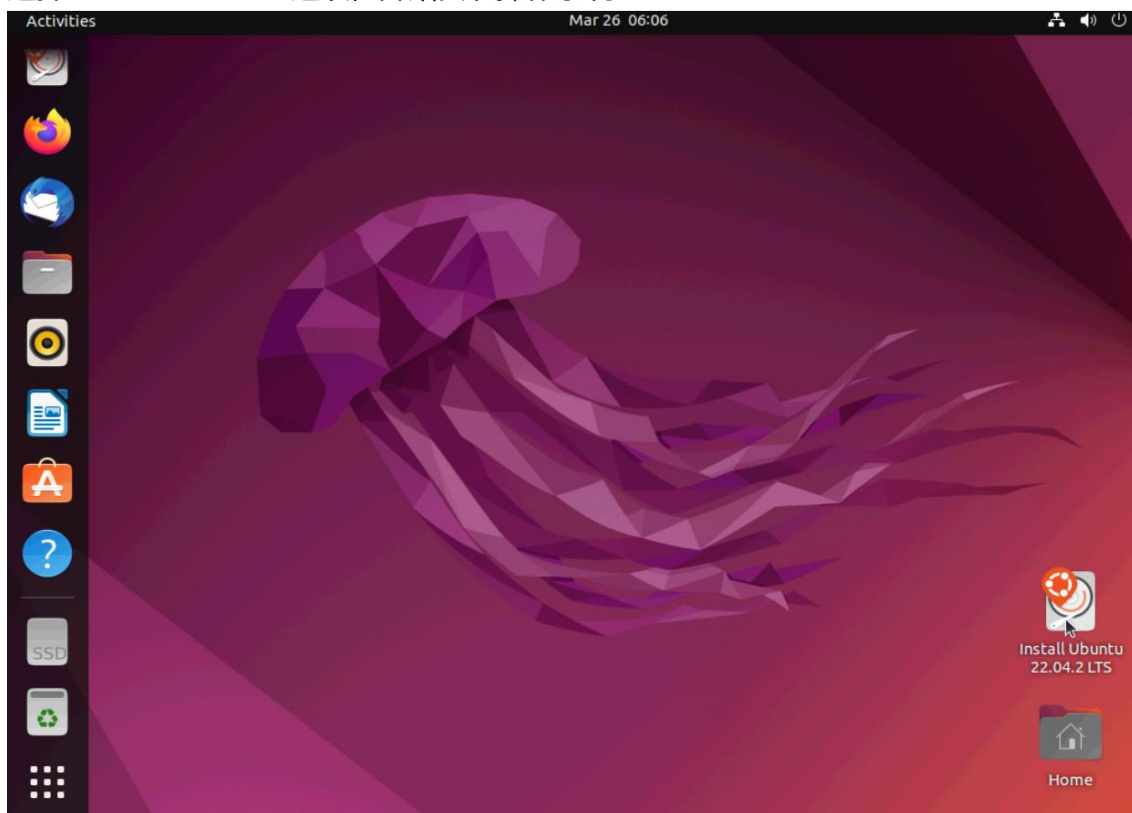
2.3 选择 Try or Install Ubuntu。



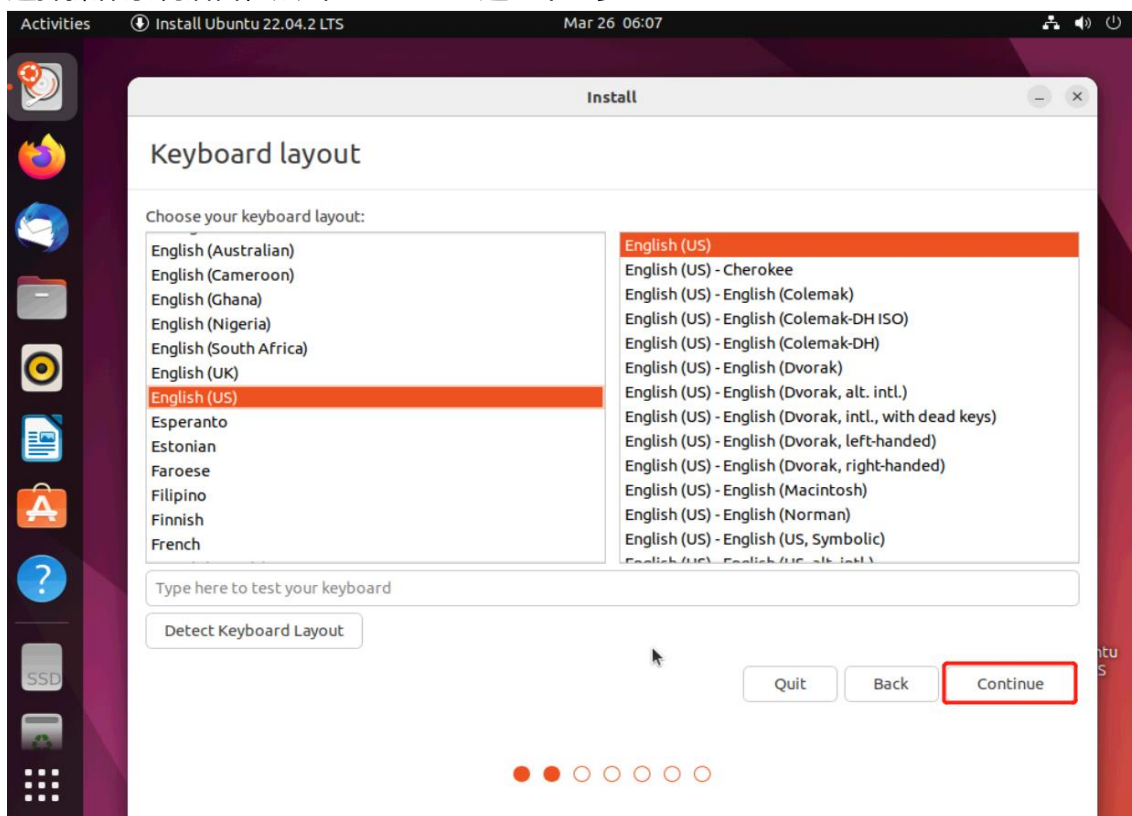
2.4 正在加载引导进安装界面。

```
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
10 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...
```

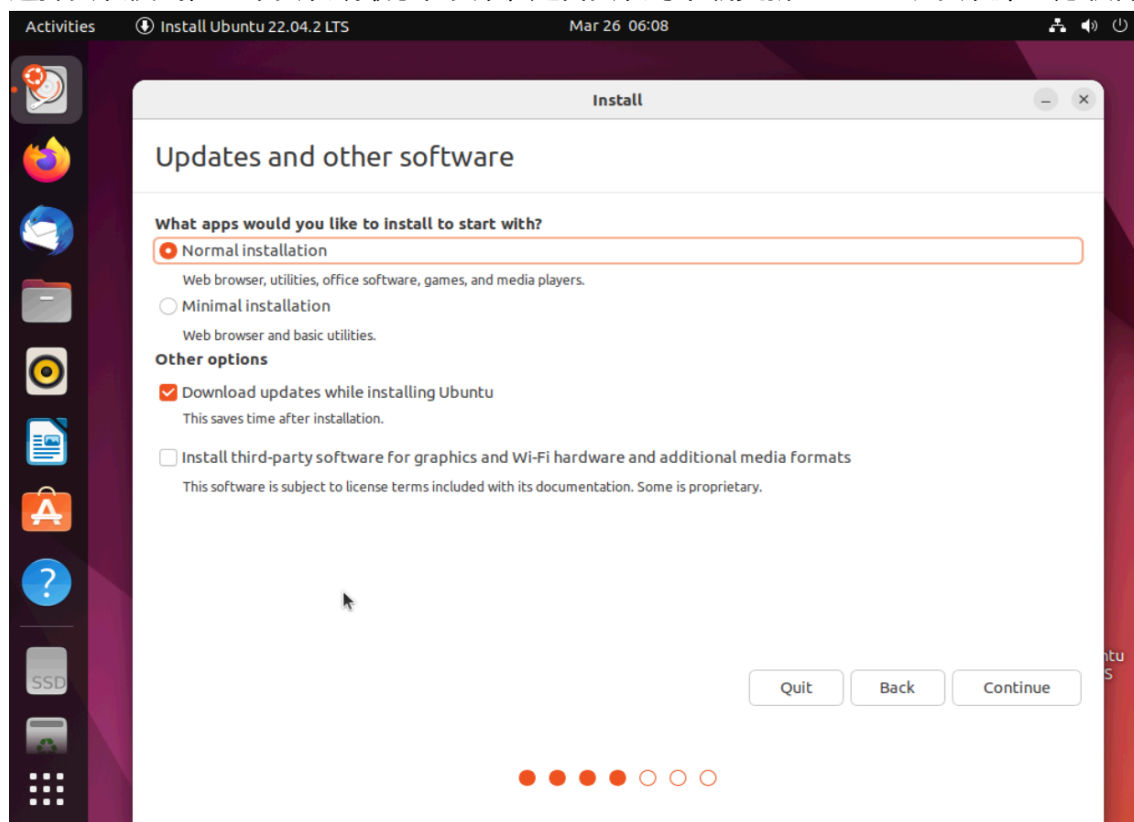
2.5 选择 **Install Ubuntu** 选项，开始安装操作系统。



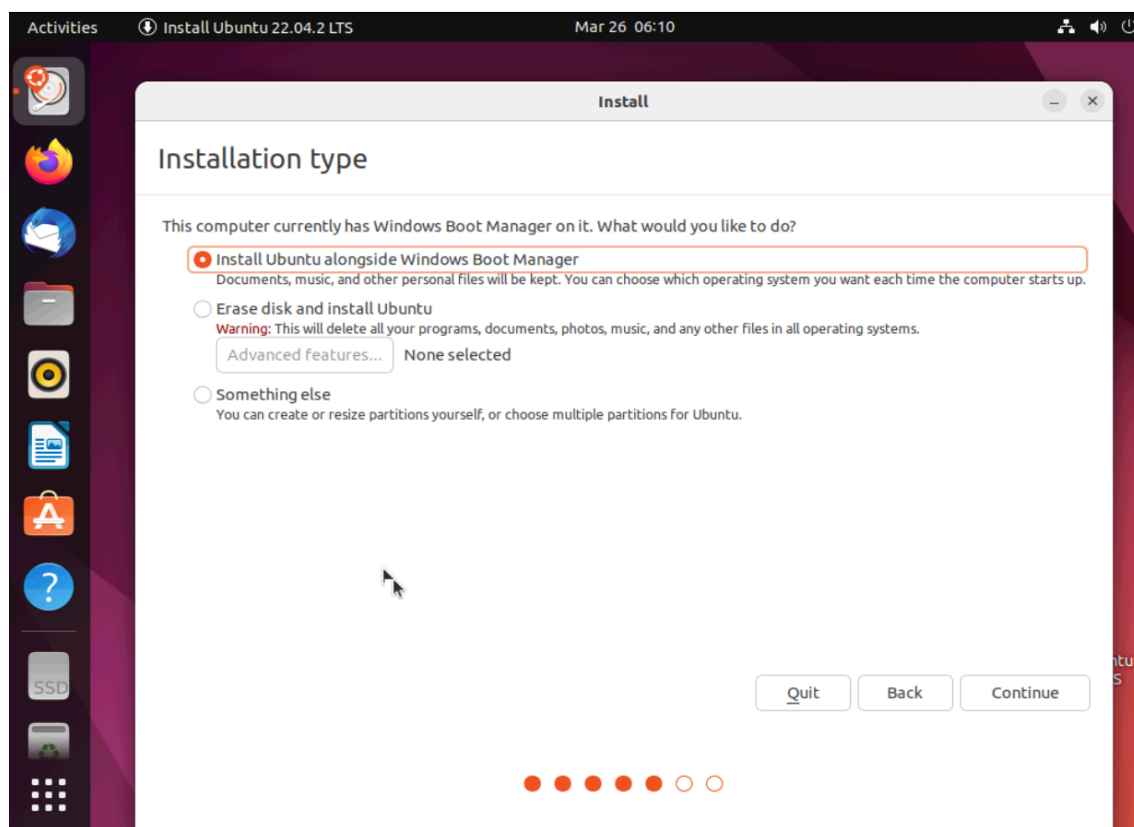
2.6 选择操作系统语言，点击 **Continue** 进入下一步。



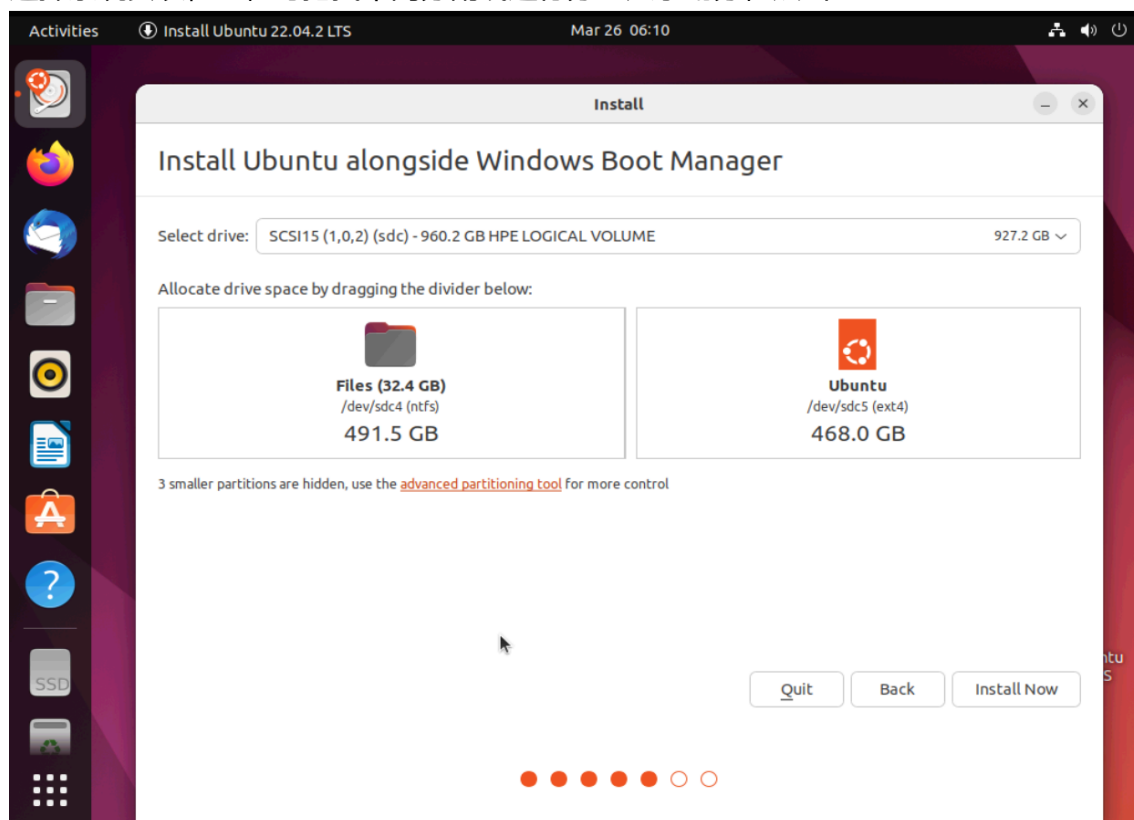
2.7 选择安装模式，正常安装或最小化安装，是否安装时下载更新 Ubuntu、安装第三方软件等。



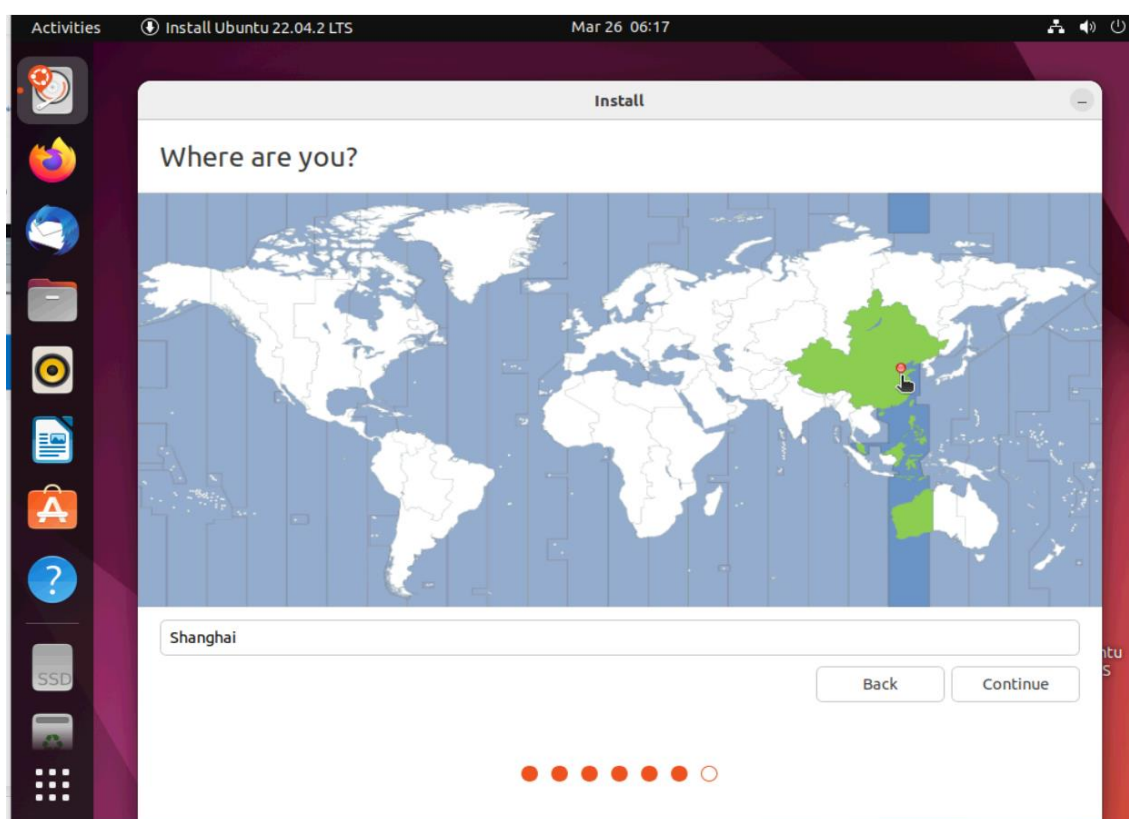
2.8 选择安装类型，这里选择 Install Ubuntu alongside Windows Boot Manager, Something else 可以自定义分区。



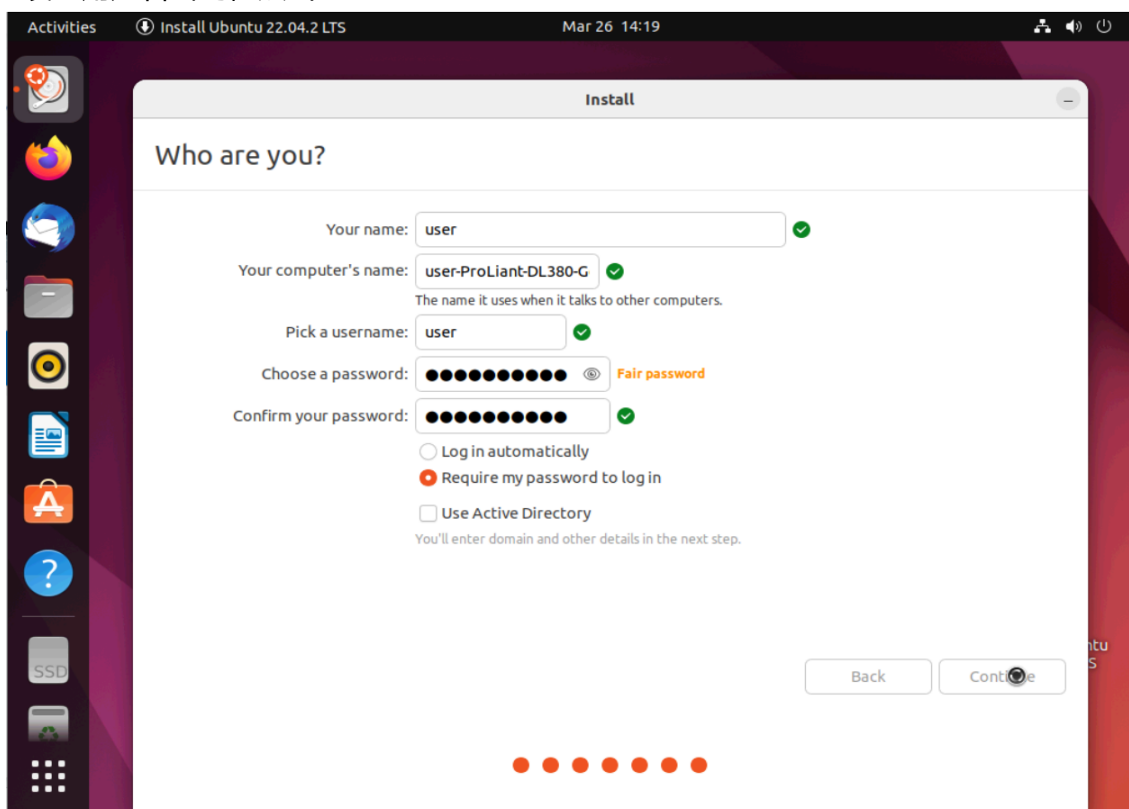
2.9 选择系统安装位置，可拖拽中间分割线进行分区大小划分，点击 **Install Now**。



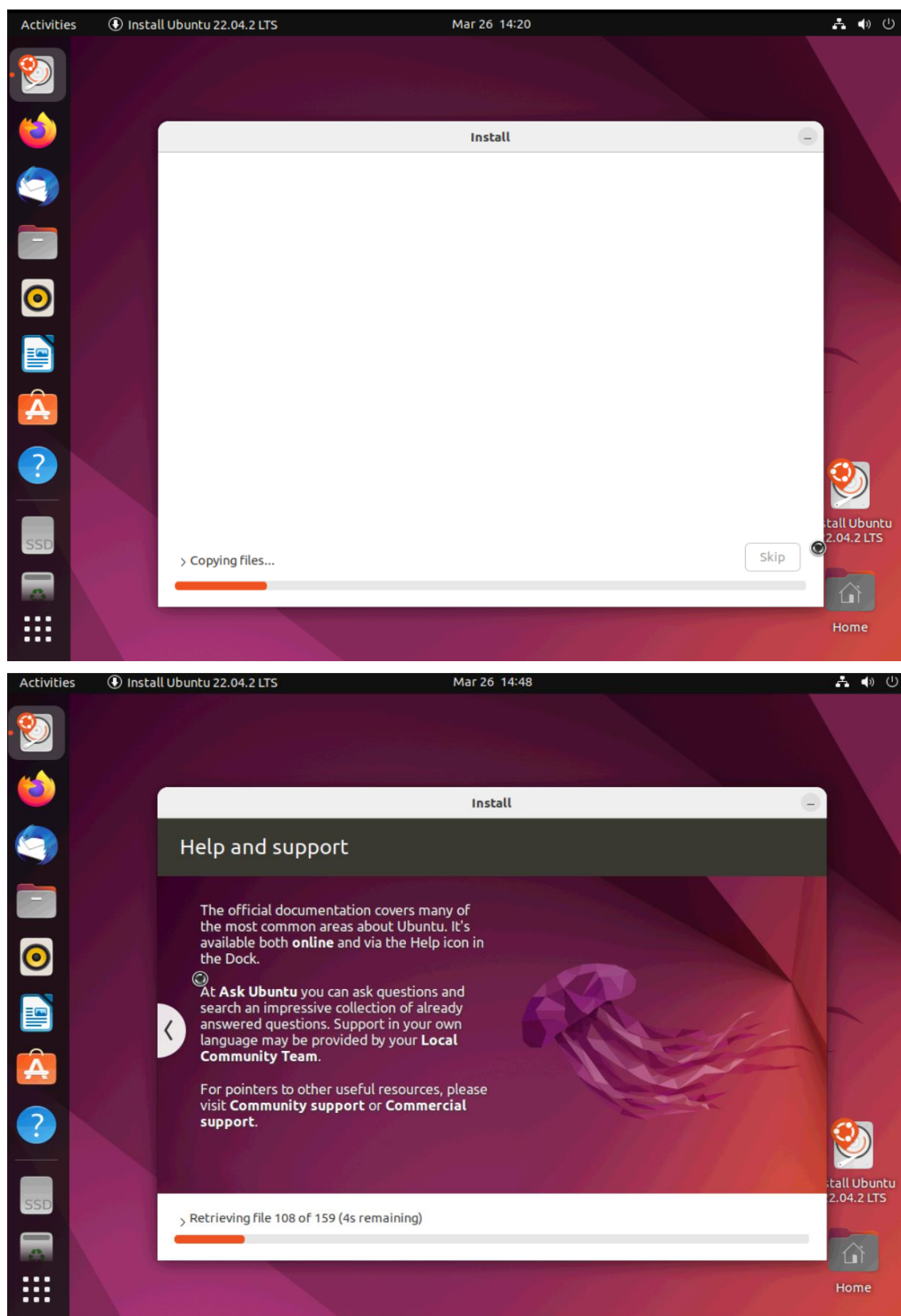
2.10 选择时区，点击 **Continue** 进入下一步。



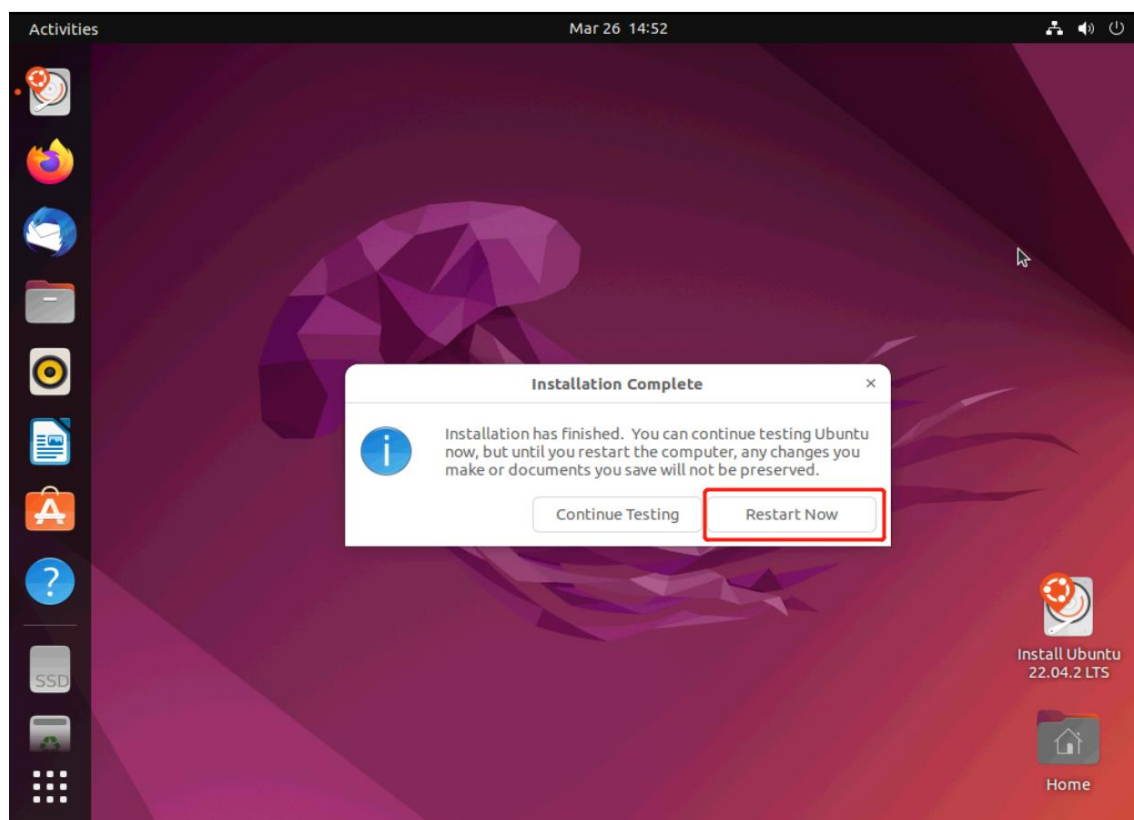
2.11 设置用户名密码，点击 **Continue**。



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。

