

# Unit II

- **Assemble PC**

Installation of OS on PC

Installation of Ubuntu

# Disk Partition

```
Administrator: Command Prompt - diskpart
Microsoft Windows [Version 10.0.18363.418]
(c) 2019 Microsoft Corporation. All rights reserved.

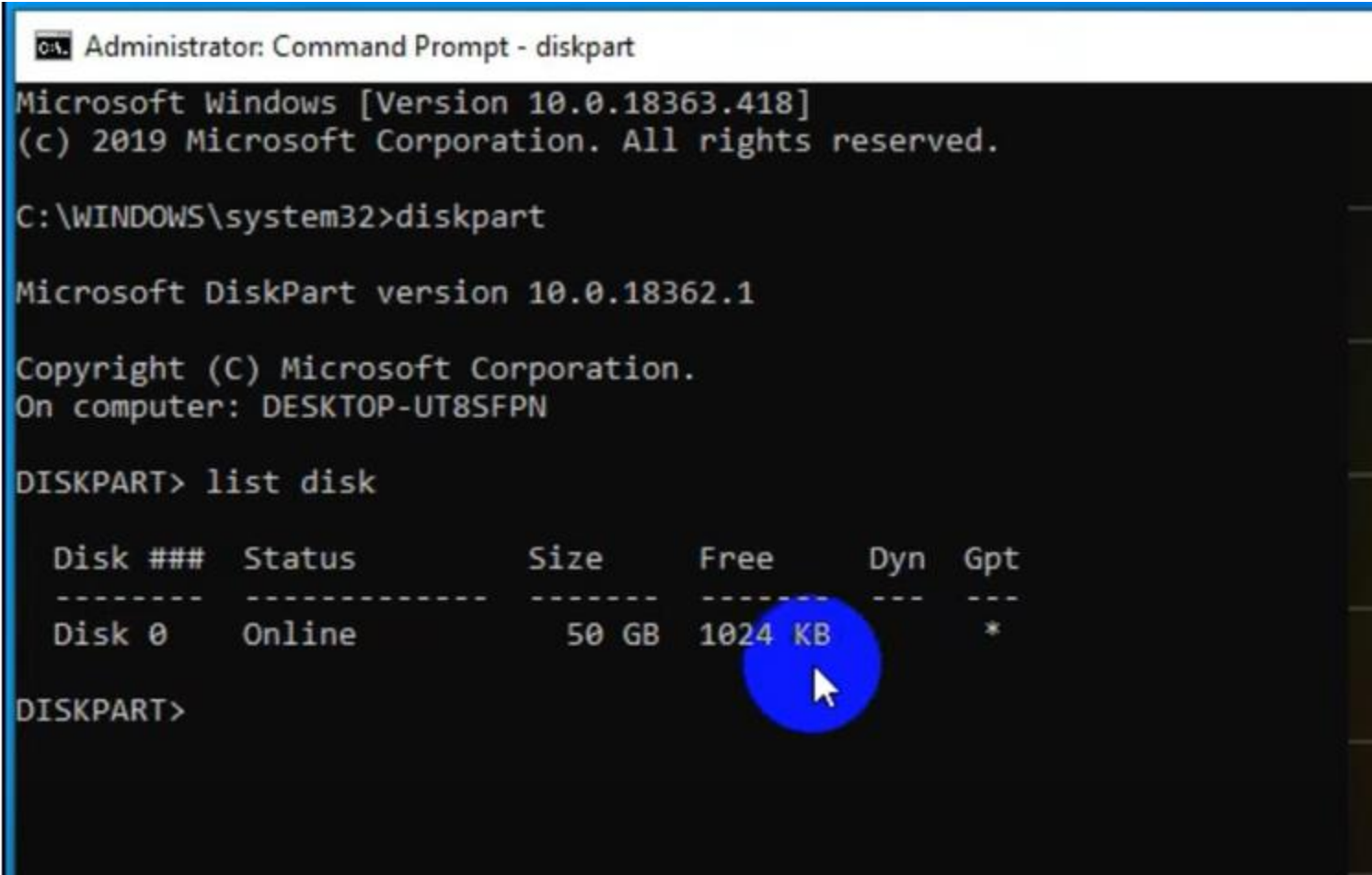
C:\WINDOWS\system32>diskpart

Microsoft DiskPart version 10.0.18362.1

Copyright (C) Microsoft Corporation.
On computer: DESKTOP-UT8SFPN

DISKPART> list disk

   Disk ###  Status         Size      Free      Dyn  Gpt
   -----  -
   Disk 0    Online         50 GB     1024 KB          *
```



- \* Mark – partition type GPT
- No \* Mark - partition type MBR

# Disk Partition

```
Microsoft DiskPart version 10.0.18362.1
```

```
Copyright (C) Microsoft Corporation.
```

```
On computer: DESKTOP-CNOEM90
```

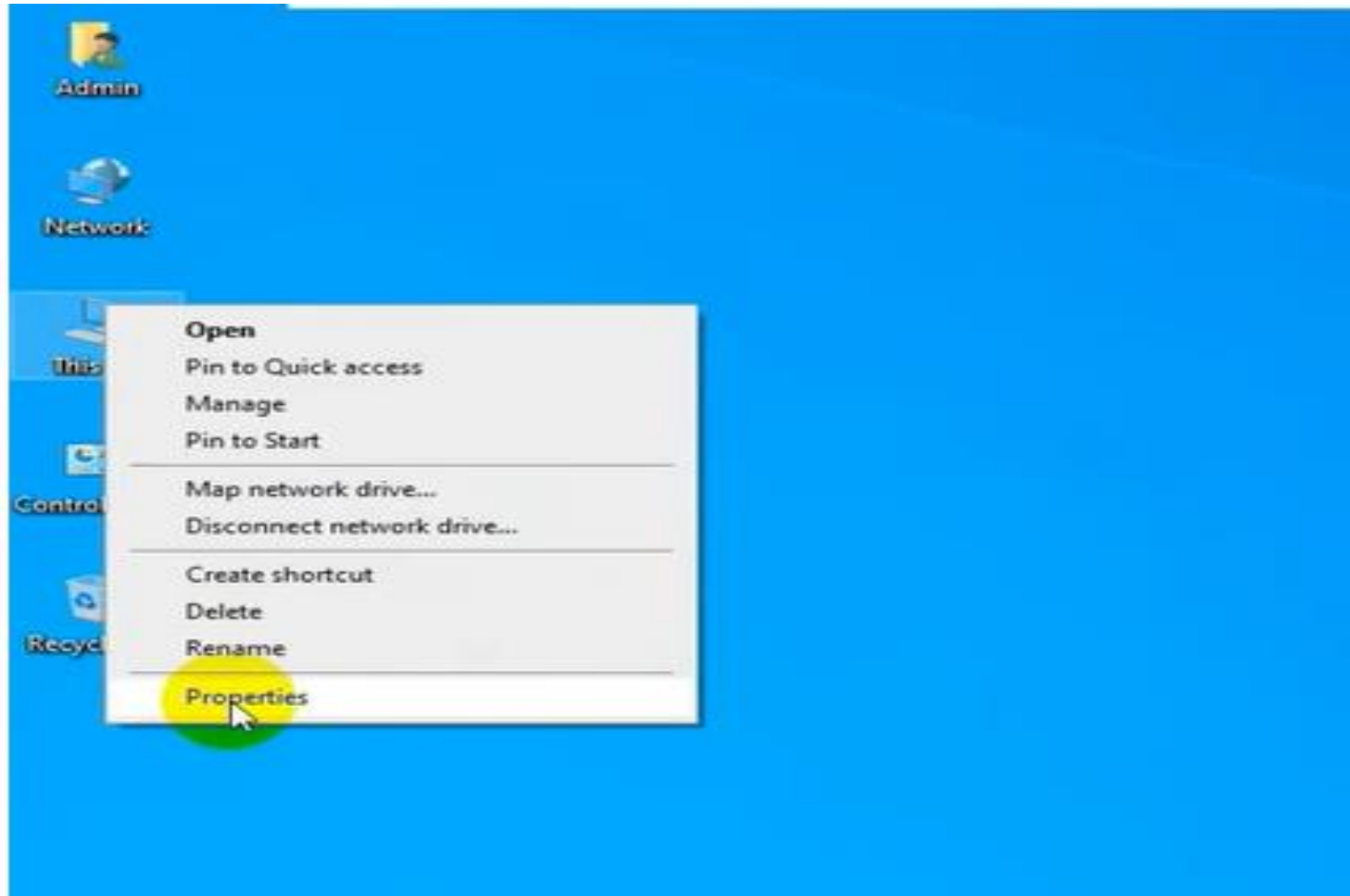
```
DISKPART> list disk
```

Disk ###	Status	Size	Free	Dyn	Gpt
-----	-----	-----	-----	----	----
Disk 0	Online	60 GB	0 B		*

```
DISKPART> _
```

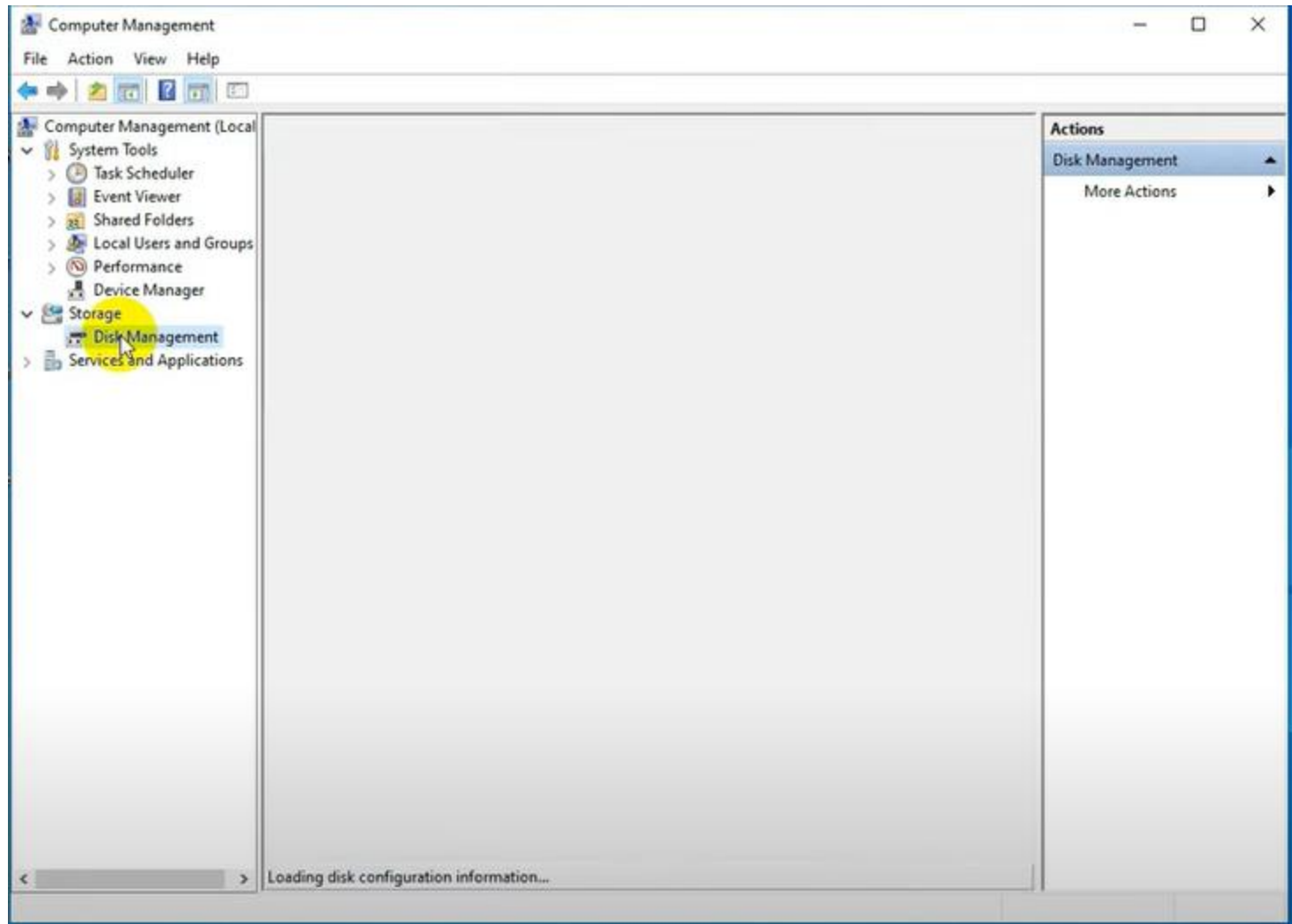
- \* Mark – partition type GPT
- No \* Mark - partition type MBR

# Disk Partition



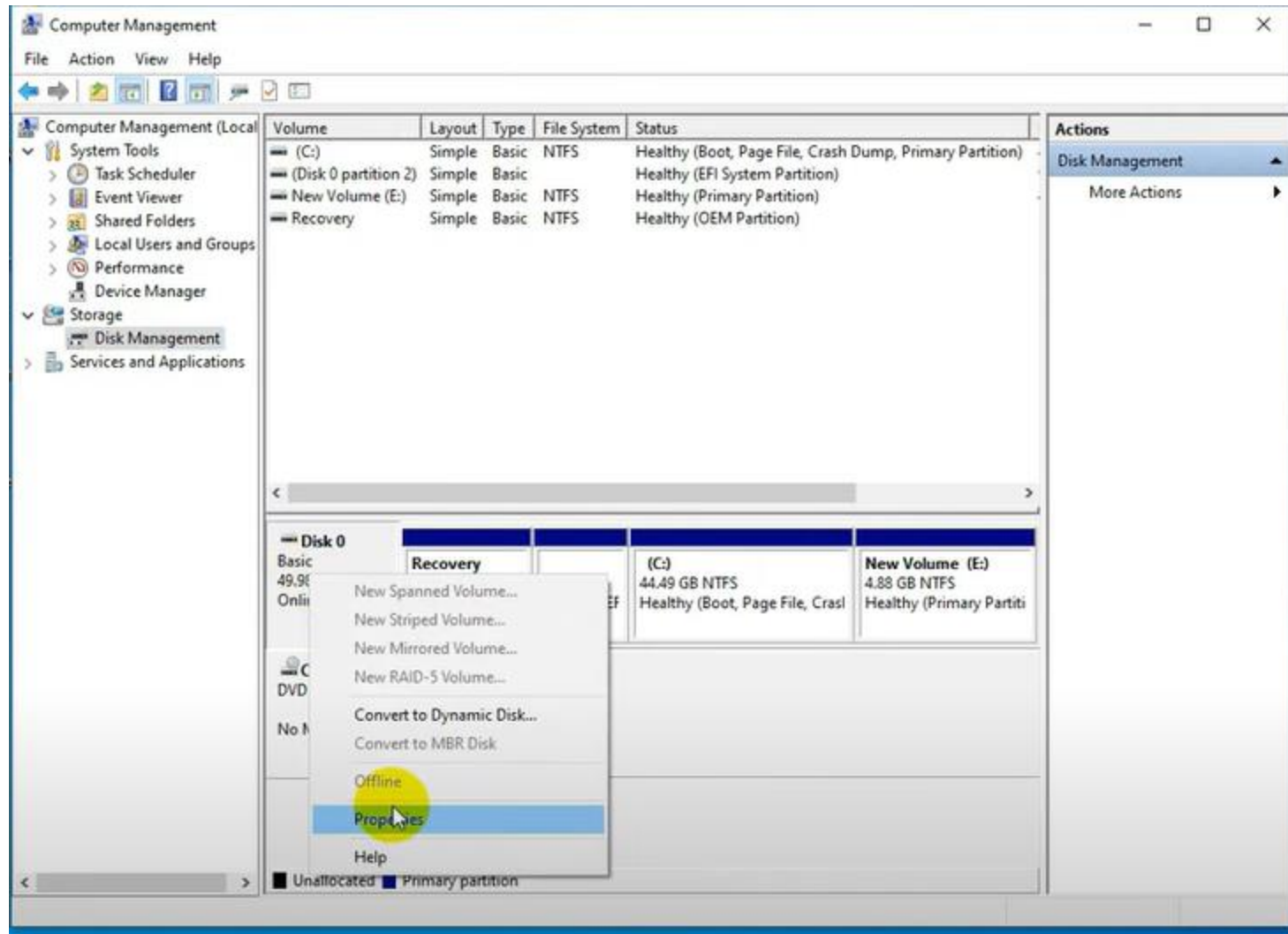
- \* Mark – partition type GPT
- No \* Mark - partition type MBR

# Disk Partition



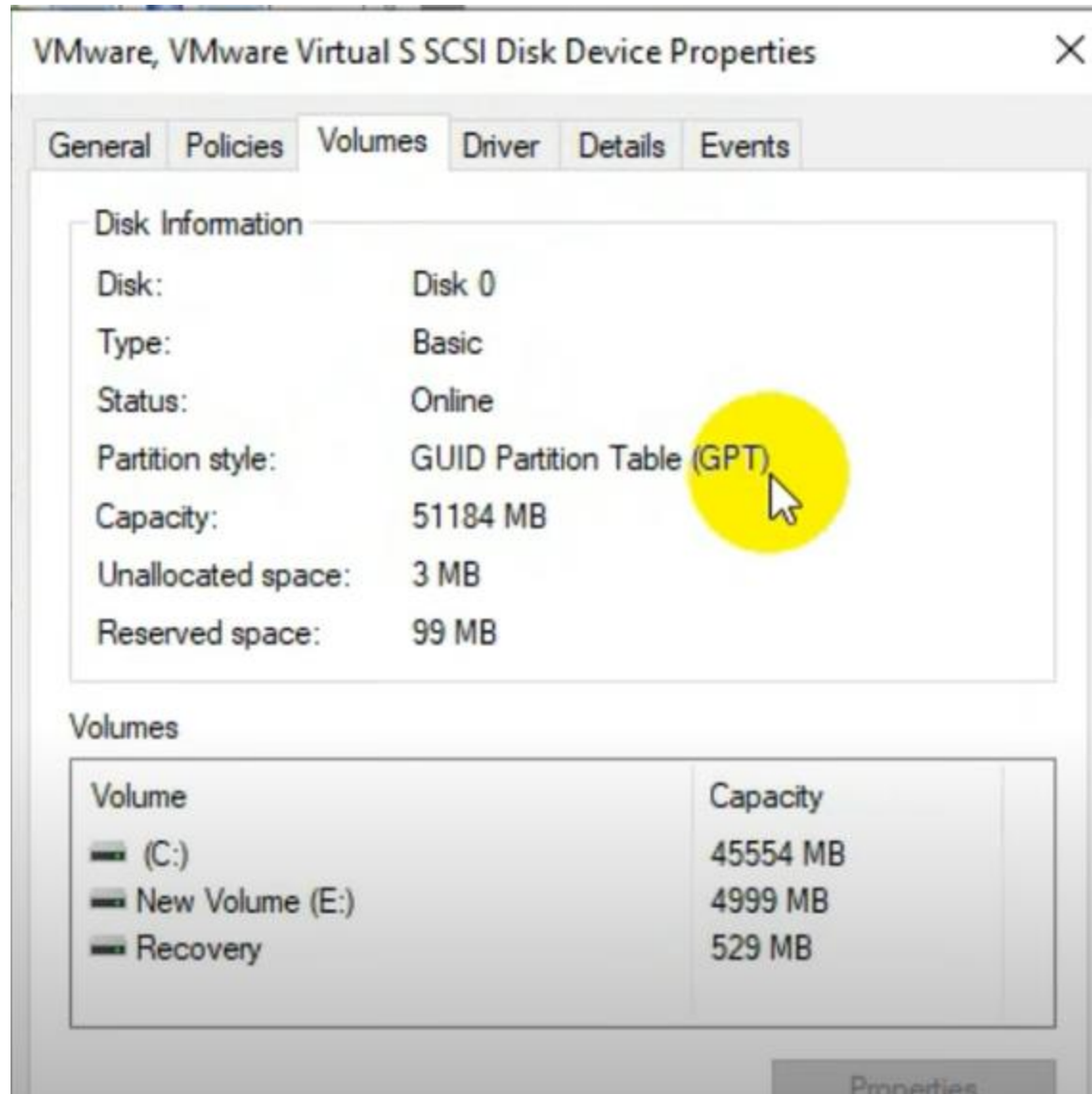
- \* Mark – partition type GPT
- No \* Mark - partition type MBR

# Disk Partition

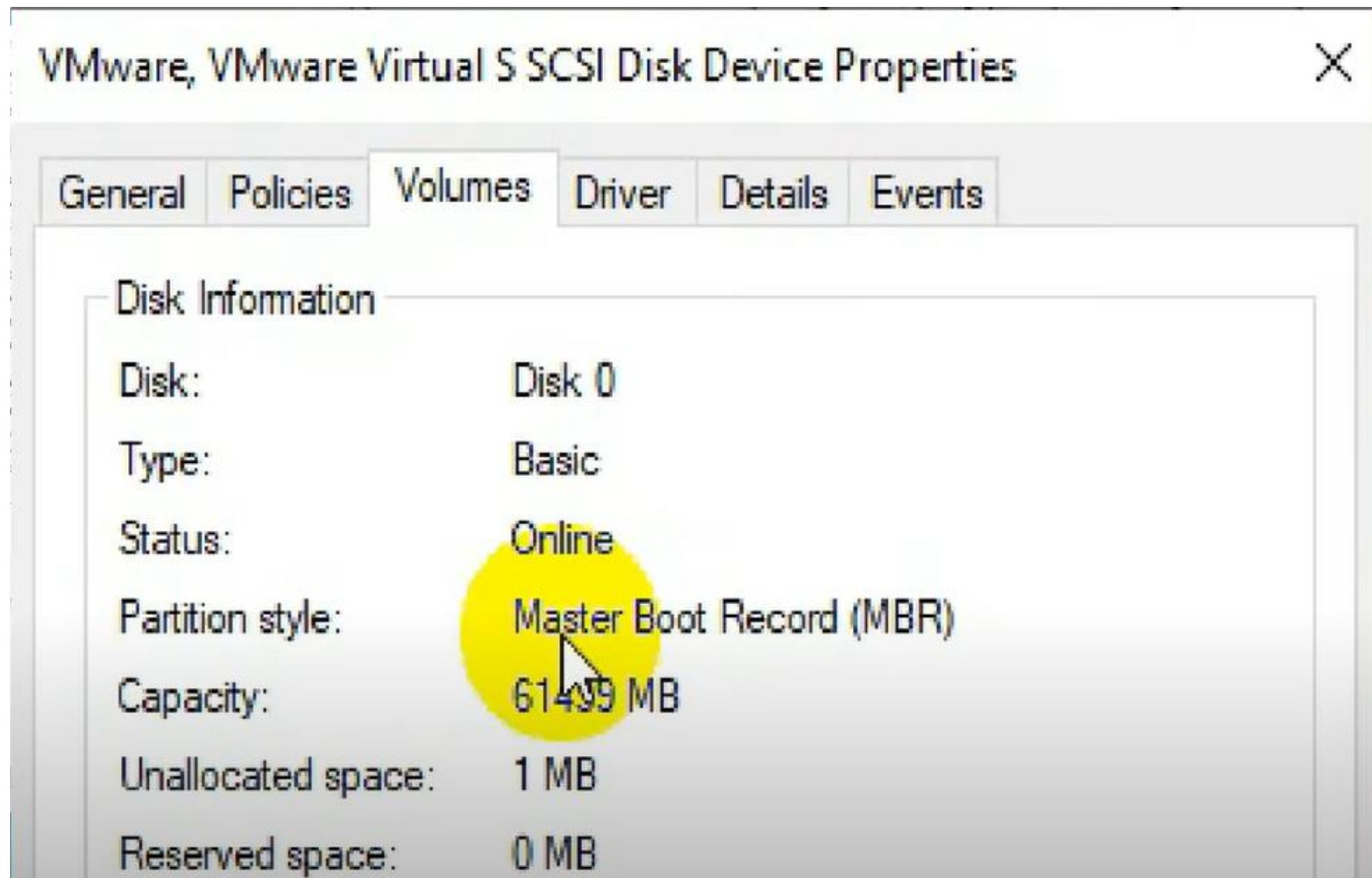


- \* Mark – partition type GPT
- No \* Mark - partition type MBR

# Disk Partition



# Disk Partition





# Download Ubuntu



The image shows the top portion of the Ubuntu website. The header is dark grey with the Canonical logo on the left, the Ubuntu logo in an orange box, and navigation links for Enterprise, Developer, Community, and Download. A search bar is on the right. The hero section has a dark purple background with white text stating '200 billion requests per day, 6 data centres... 5 people'. It includes a link to 'Watch the keynote' and a link to 'Read more about our Ubuntu Masters event'. The Ubuntu Masters Conference logo is also visible.

CANONICAL

Products ▾

ubuntu® Enterprise ▾ Developer ▾ Community ▾ Download ▾

Search 🔍

200 billion requests per day, 6 data centres...  
5 people

Hear how Adobe's Joe Sandoval met massive requirements with a lean approach.

[Watch the keynote](#)

[Read more about our Ubuntu Masters event](#)

ubuntu®  
Masters Conference

# Download Ubuntu



## Pendrivelinux.com

Easily run Linux® from a portable USB Device

[HOME](#) [DISCLAIMER](#) [PRIVACY POLICY](#) [CONTACT](#)

**The First Model is Free**

So are all the rest. [Search Now >](#)



### Portable Linux Categories

- [Flash drive installs using Live CD](#)
- [Flash drive installs using Windows](#)
- [USB Virtual Machine Emulation](#)
- [Using and Configuring Linux](#)

### USB Linux Help

- [USB Boot compatibility test](#)
- [USB Help and Tools](#)
- [Boot Cheatcodes](#)
- [BIOS USB Boot Options](#)
- [Restoring your USB Key](#)
- [Mount a NTFS Partition in Linux](#)

Anticipate the future skills your business needs.

[Download now](#)

### Boot and Run Linux from a USB flash memory stick

**Take your Favorite Portable Linux Desktop with you!**  
Install, Boot, and Run Linux from USB. Your Portable Linux OS toolkit.

**Most Popular Tool YUMI – Your Universal Multiboot Installer**  
**2nd most Popular UUI – Universal USB Installer**



UUI - Universal Bootable USB Creator - Installer

Linux operating system on a bootable usb key or flash drive no larger than your thumb (aka thumb drive). Your Portable Linux operating system can then be taken with you and will consequently run from any computer that can boot from the usb flash device. With YUMI, you can even bring multiple operating systems, diagnostic utilities, antivirus scanners, penetration testing, backup tools, and more with you. Resulting in your very own custom pocket diagnostic toolkit.

# Download Ubuntu

CANONICAL

Products ▾


ubuntu®

Enterprise ▾

Developer ▾


Community ▾

Download ▾

Search 

Ubuntu Desktop ▸

Download Ubuntu desktop and replace your current operating system whether it's Windows or Mac OS, or, run Ubuntu alongside it.

18.04 LTS 

19.10

Use the traditional installer

ARM

IBM Power

s390x

Ubuntu Server ▸

The most popular server Linux in the cloud and data centre, you can rely on Ubuntu Server and its five years of guaranteed free upgrades.

18.04 LTS

19.10

Use the traditional installer

ARM

IBM Power

s390x

Ubuntu for IoT ▸

Are you a developer who wants to try snappy Ubuntu Core or classic Ubuntu on an IoT board?

Raspberry Pi 2, 3 or 4

Raspberry Pi Compute Module 3

Intel NUC

KVM

Intel Joule

Qualcomm Dragonboard 410c

Samsung Artik 5 or 10

UP² IoT Grove

Intel IEI TANK 870

Ubuntu Cloud ▸

Use Ubuntu optimised and certified server images on most major clouds.

Get started on Amazon AWS, Microsoft Azure, Google Cloud Platform and more...

Download cloud images for local development and testing

TUTORIALS

If you are already running Ubuntu - you can [upgrade](#) with the Software Updater

Burn a DVD on [Ubuntu](#), [macOS](#), or [Windows](#). Create a bootable USB stick on [Ubuntu](#), [macOS](#), or [Windows](#)

READ THE DOCS

Read the official docs for [Ubuntu Desktop](#), [Ubuntu Server](#), and [Ubuntu Core](#)

OTHER WAYS TO DOWNLOAD

Ubuntu is available via [BitTorrents](#) and via a [minimal network installer](#) that allows you to customise what is installed, such as additional languages. You can also find [older releases](#).

UBUNTU FLAVOURS

Find new ways to experience Ubuntu, each with their own choice of default applications and settings.

[Kubuntu](#)

[Lubuntu](#)

[Ubuntu Budgie](#)

[Ubuntu MATE](#)

[Ubuntu Studio](#)

[Xubuntu](#)

# Download Ubuntu

## Universal-USB-Installer-1.9.9.0.exe – December 4, 2019 – Changes

Update to support Clear Linux and Pop OS.

IMPORTANT: The Windows to Go option requires the USB be formatted NTFS with 20GB free disk space to hold the virtual disk. See [FAQ](#) for more info.



[Source Code](#)

MD5: 308B43ACBF84A524ACDCDFB2319CA627

# Download Ubuntu

## Universal-USB-Installer-1.9.9.0.exe – December 4, 2019 – Changes

Update to support Clear Linux and Pop OS.

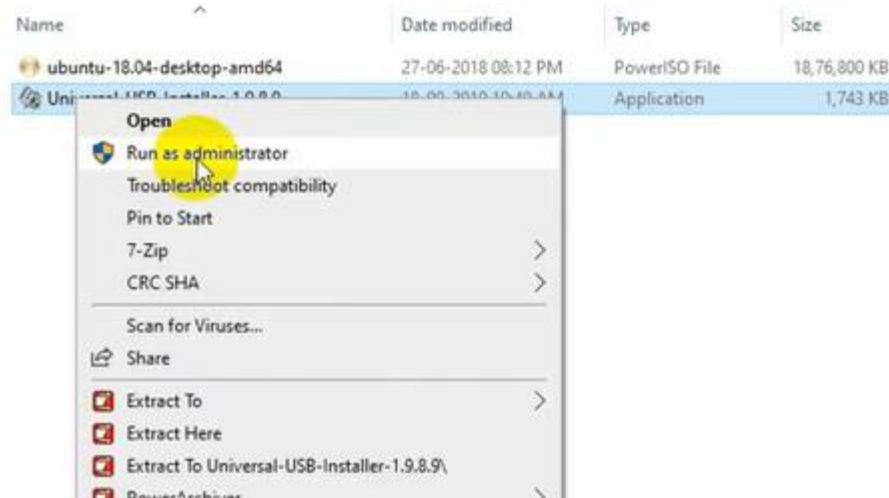
IMPORTANT: The Windows to Go option requires the USB be formatted NTFS with 20GB free disk space to hold the virtual disk. See [FAQ](#) for more info.



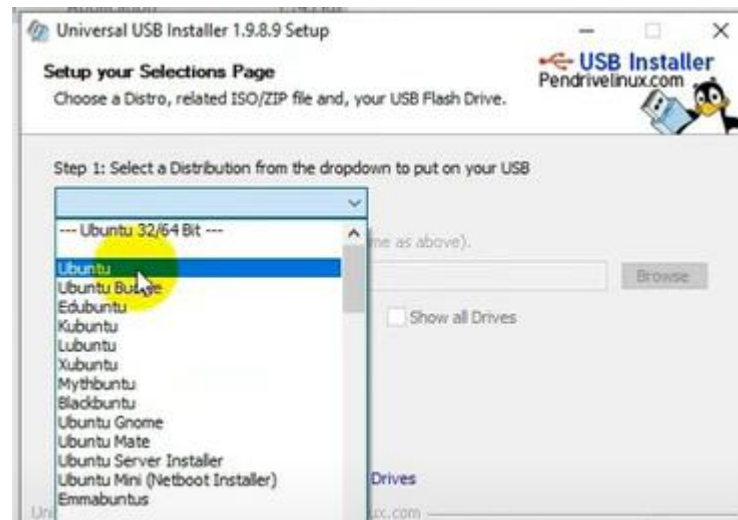
[Source Code](#)

MD5: 308B43ACBF84A524ACDCDFB2319CA627

# Download Ubuntu

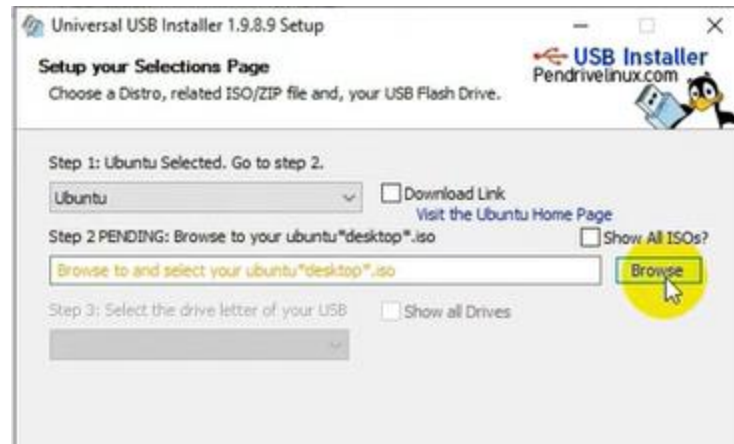


# Download Ubuntu



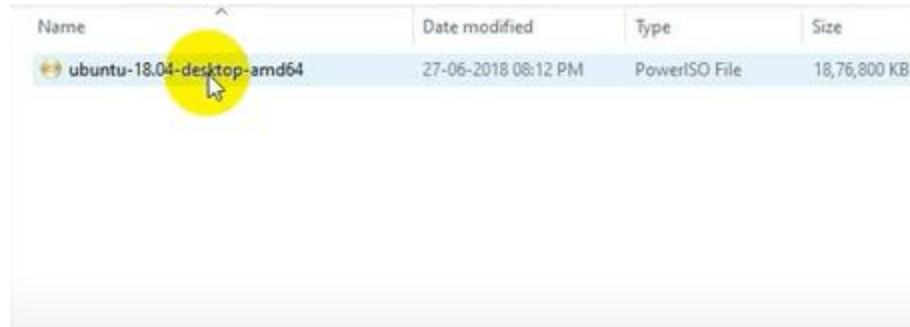


# Download Ubuntu





# Download Ubuntu



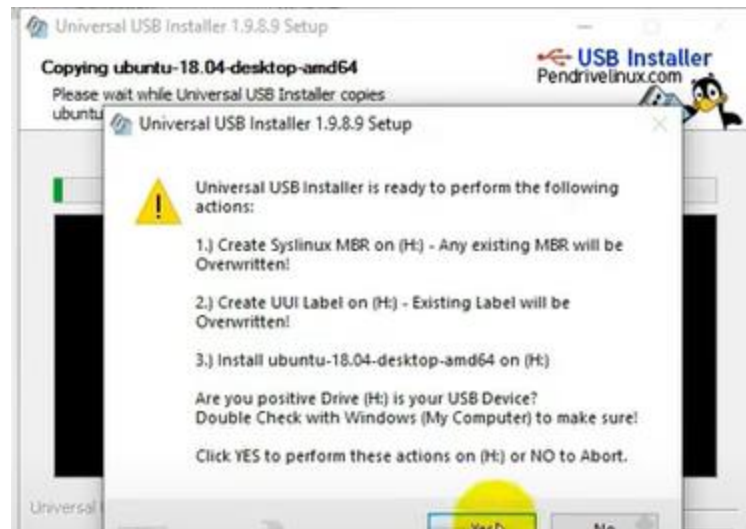
A screenshot of a file manager window showing a table of files. The table has four columns: Name, Date modified, Type, and Size. The first row is highlighted in blue and contains the file 'ubuntu-18.04-desktop-amd64'. A yellow circle highlights the file name, and a mouse cursor is pointing at it. The file is a PowerISO File and is 18,76,800 KB in size.

Name	Date modified	Type	Size
📁 ubuntu-18.04-desktop-amd64	27-06-2018 08:12 PM	PowerISO File	18,76,800 KB

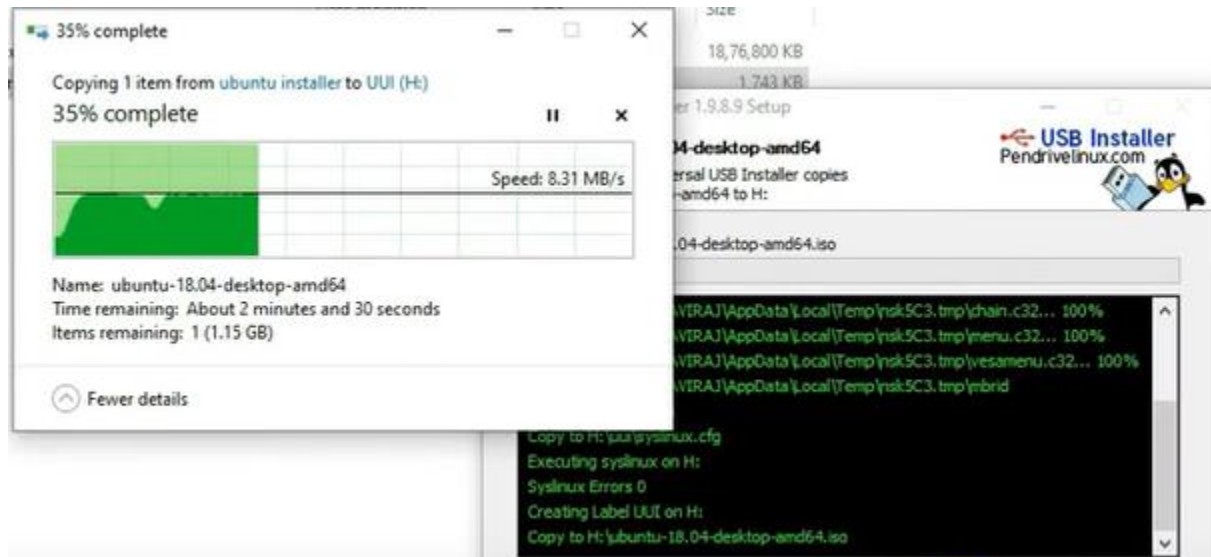
# Download Ubuntu



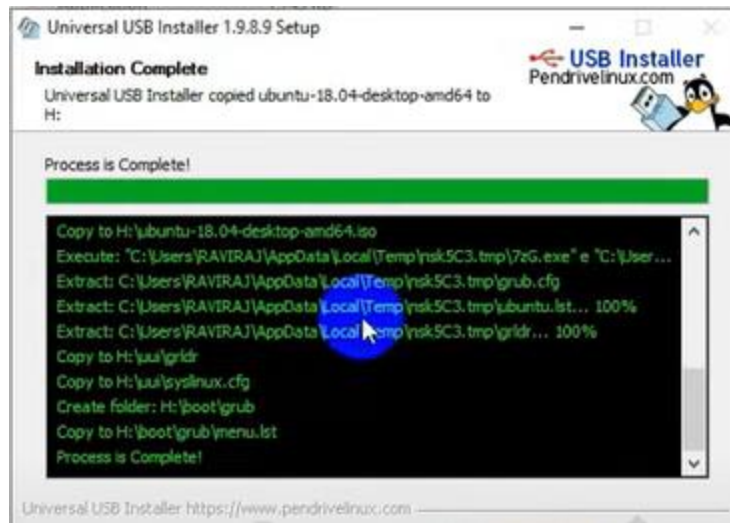
# Download Ubuntu



# Download Ubuntu

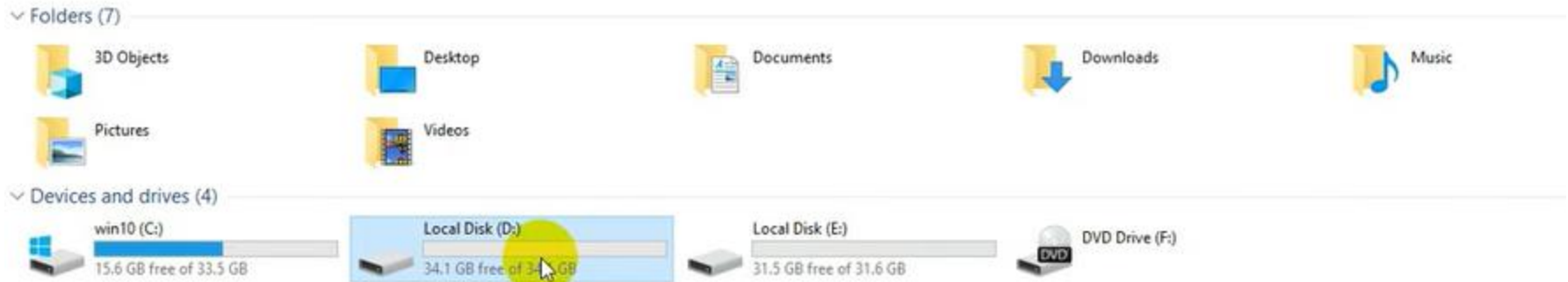


# Download Ubuntu

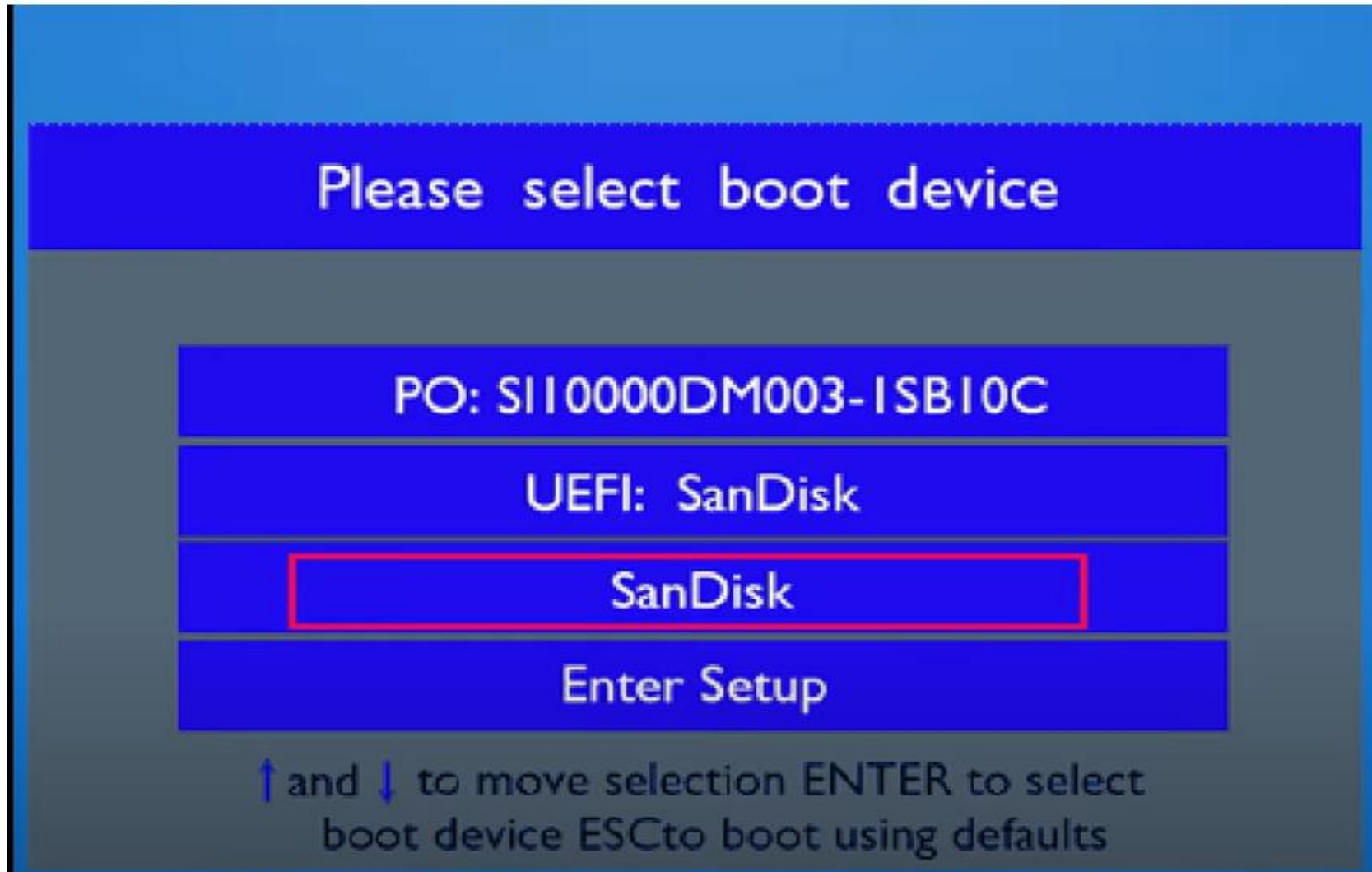


# Ubuntu Installation

- Select Drive for installation
- Drive should be empty



# Ubuntu Installation



- UEFI SanDisk– partition type GPT
- SanDisk - partition type MBR

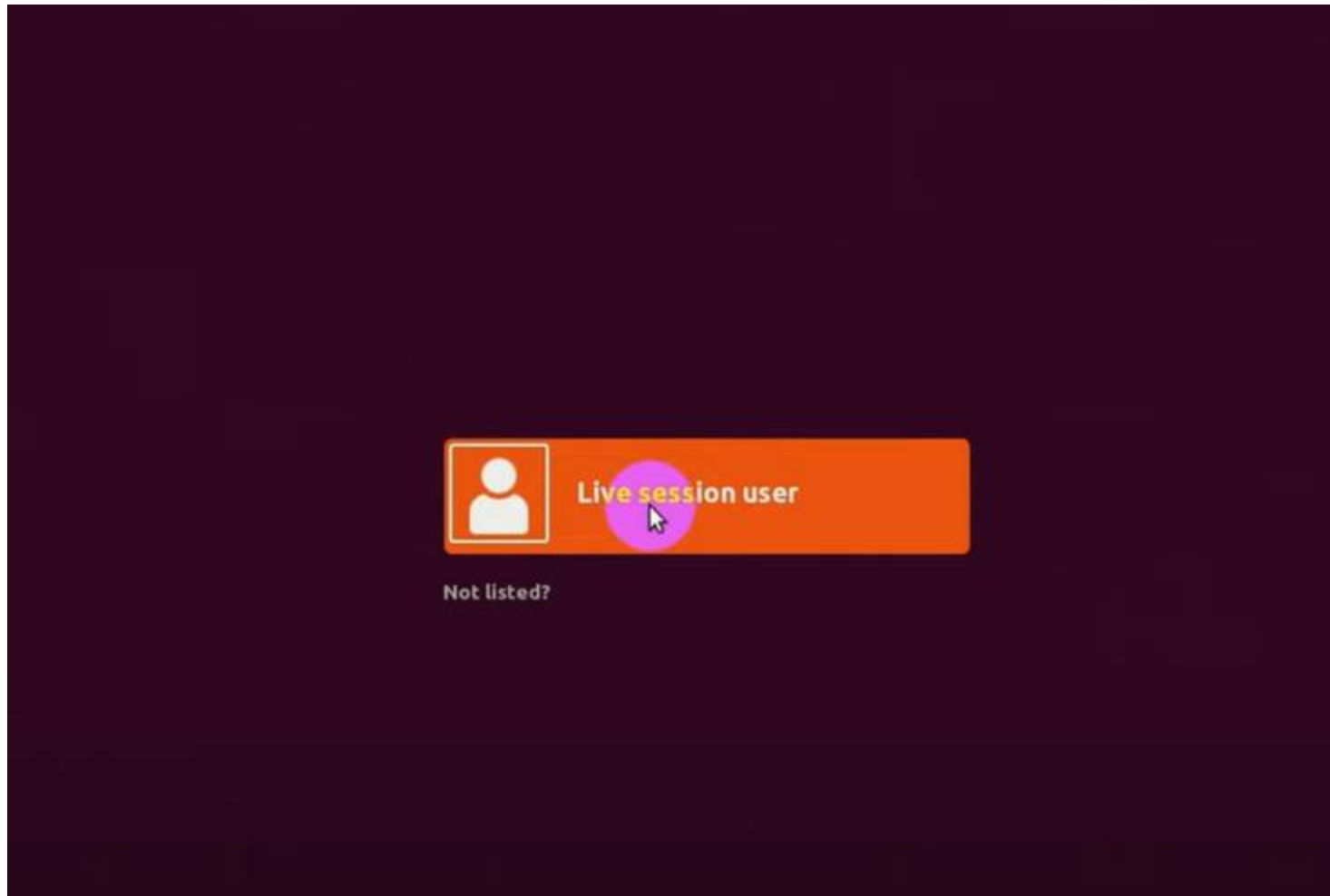
# Ubuntu Installation

GNU GRUB version 2.02

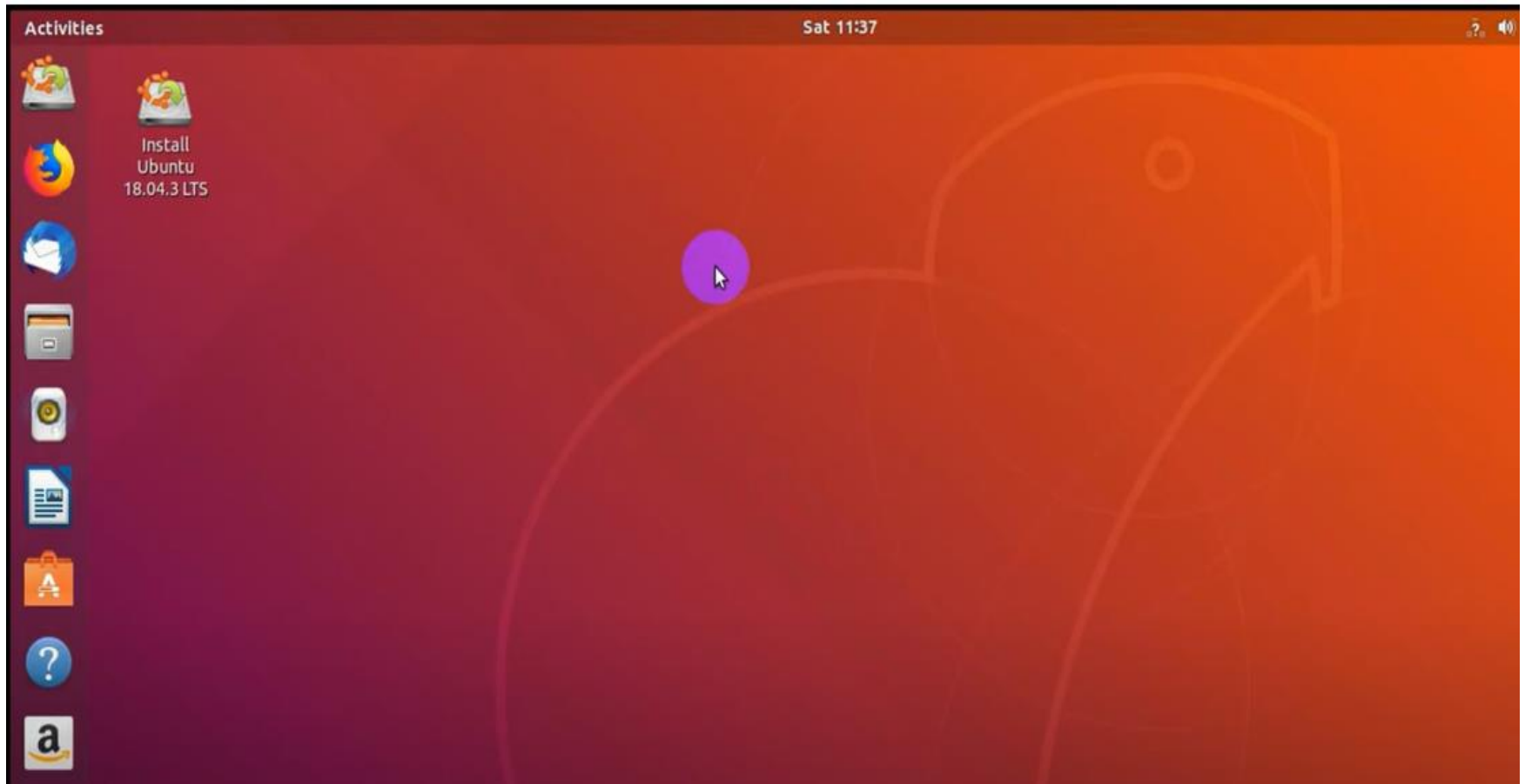
```
*Try Ubuntu without installing
Install Ubuntu
OEM install (for manufacturers)
Check disc for defects
```



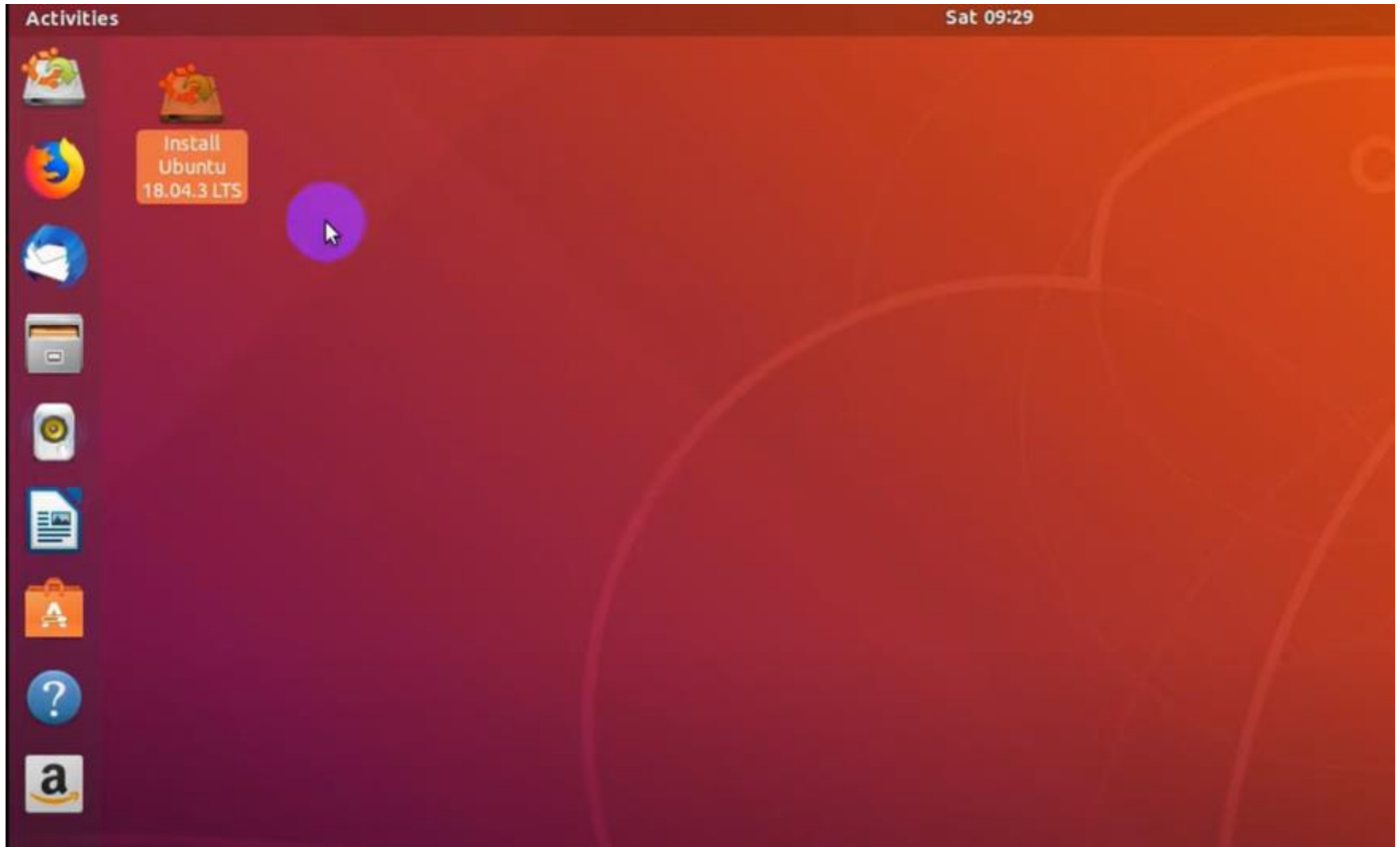
# Ubuntu Installation



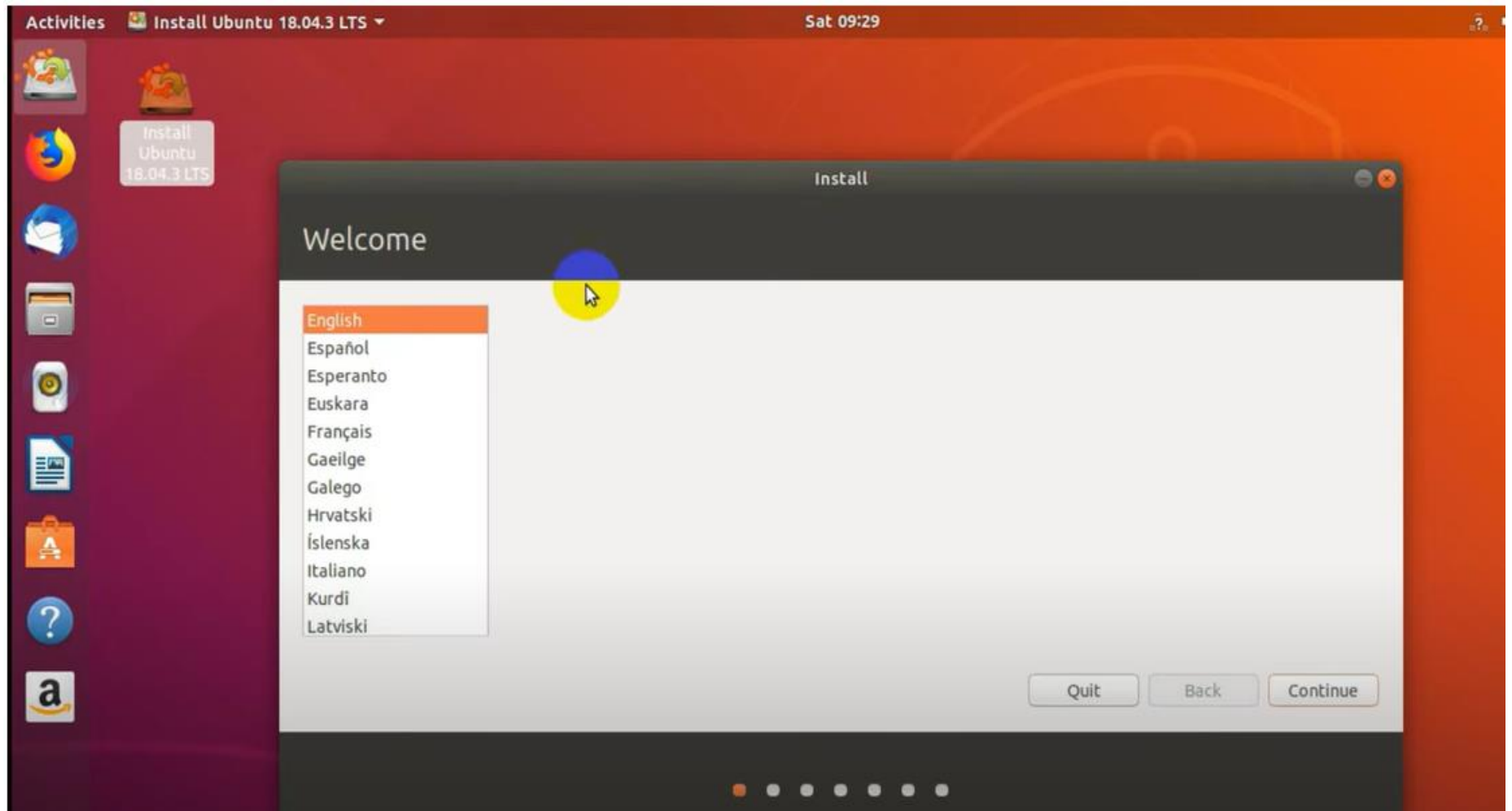
# Ubuntu Installation



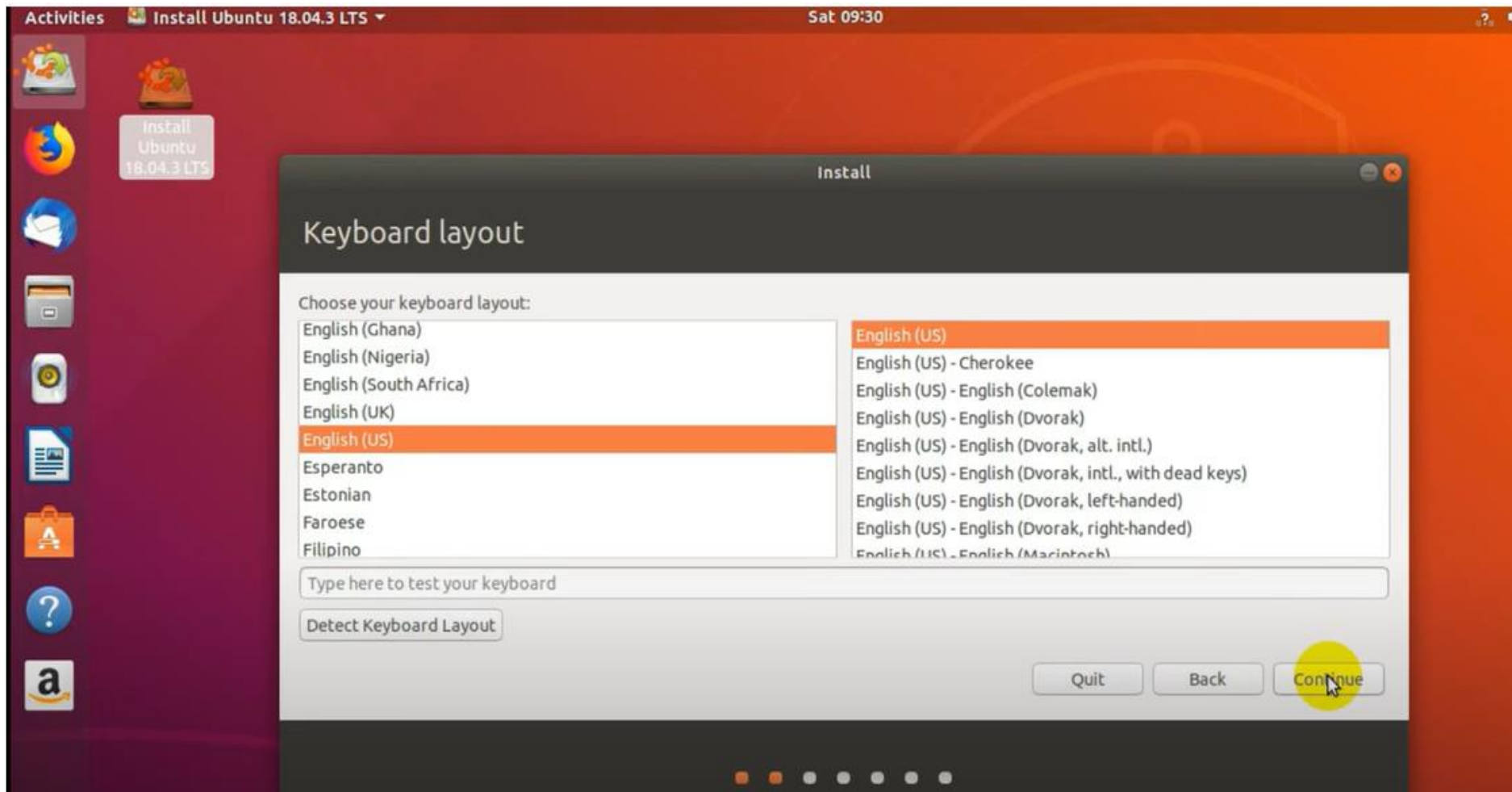
# Ubuntu Installation



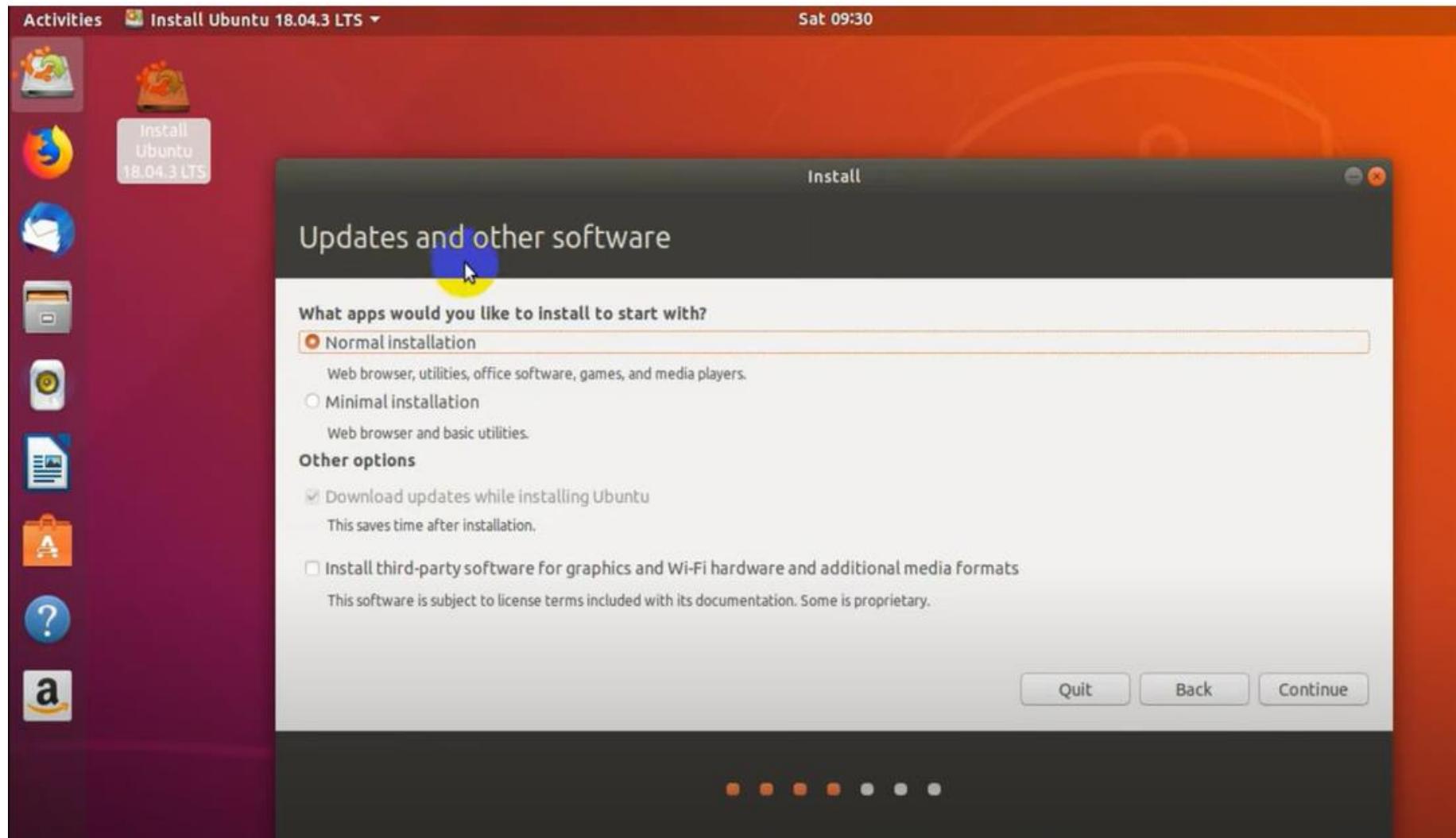
# Ubuntu Installation



# Ubuntu Installation



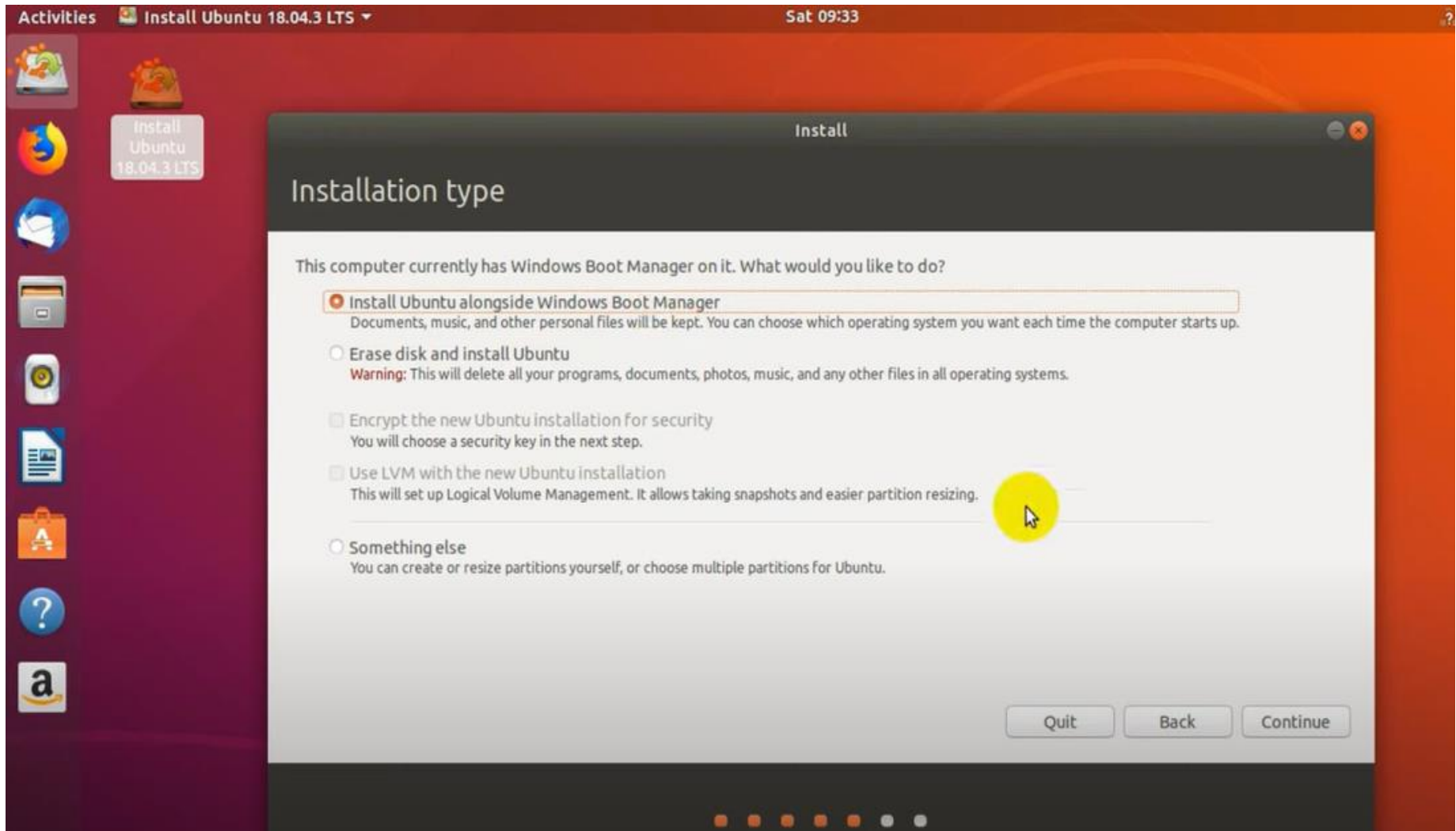
# Ubuntu Installation



# Ubuntu Installation

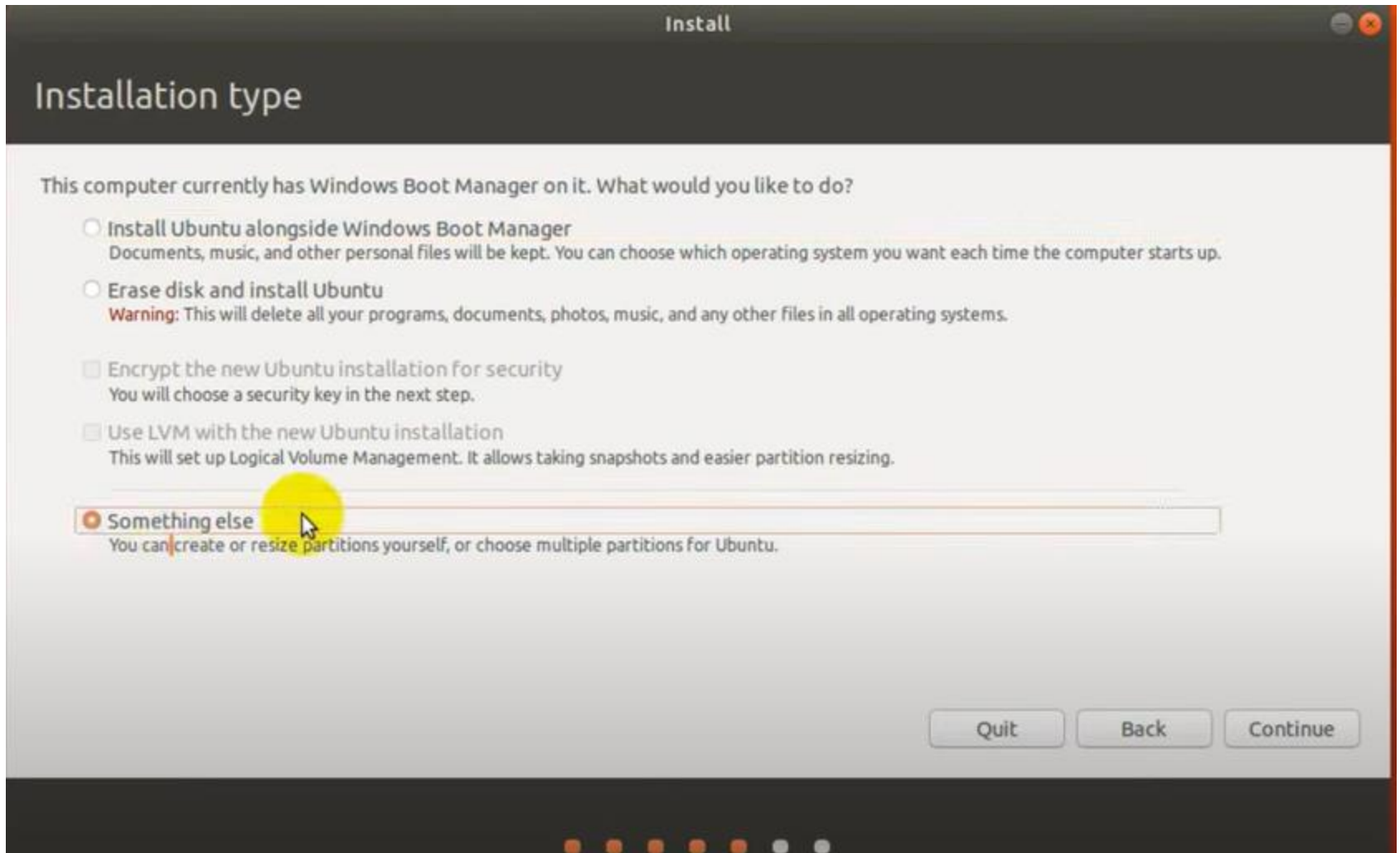


# Ubuntu Installation

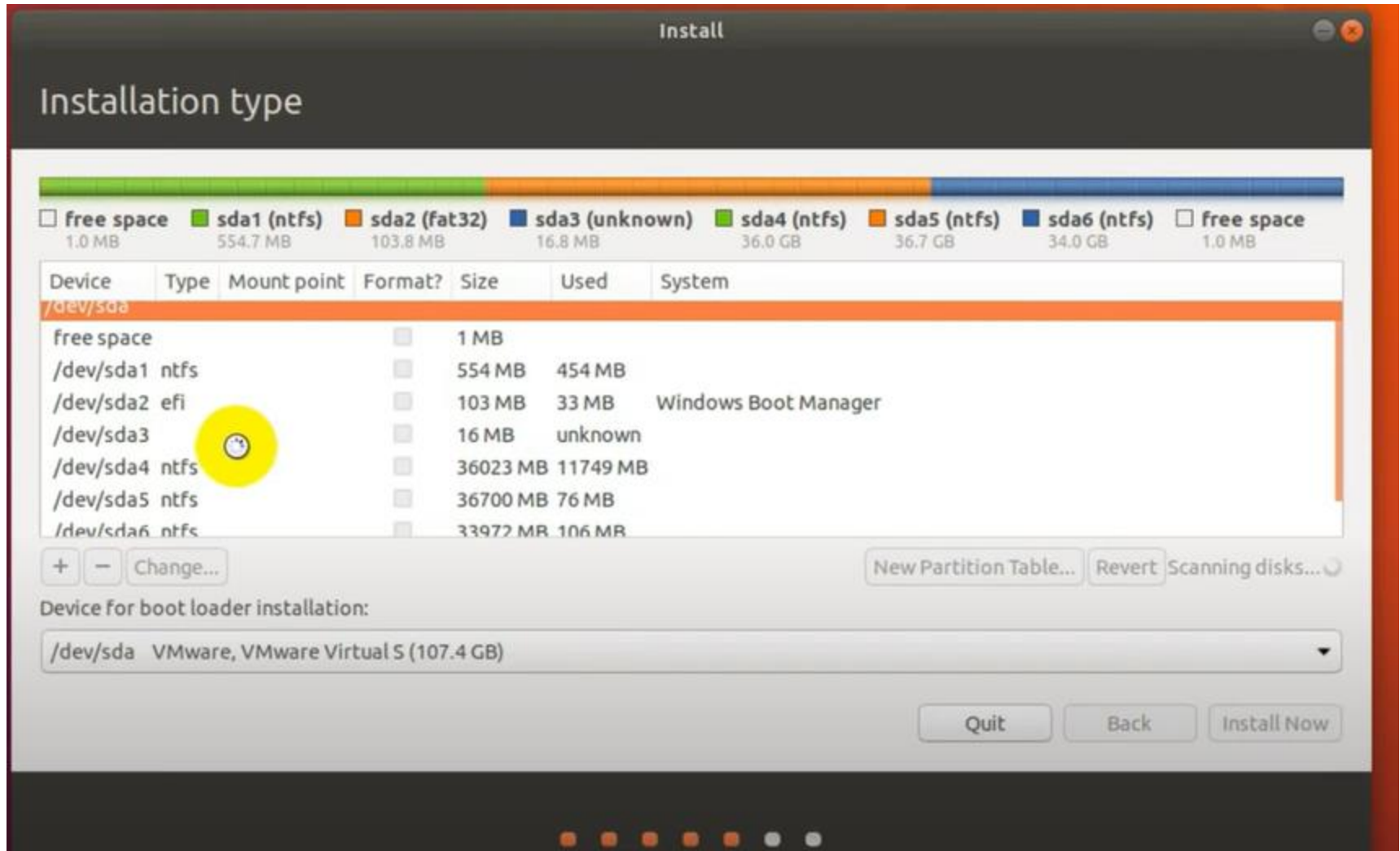




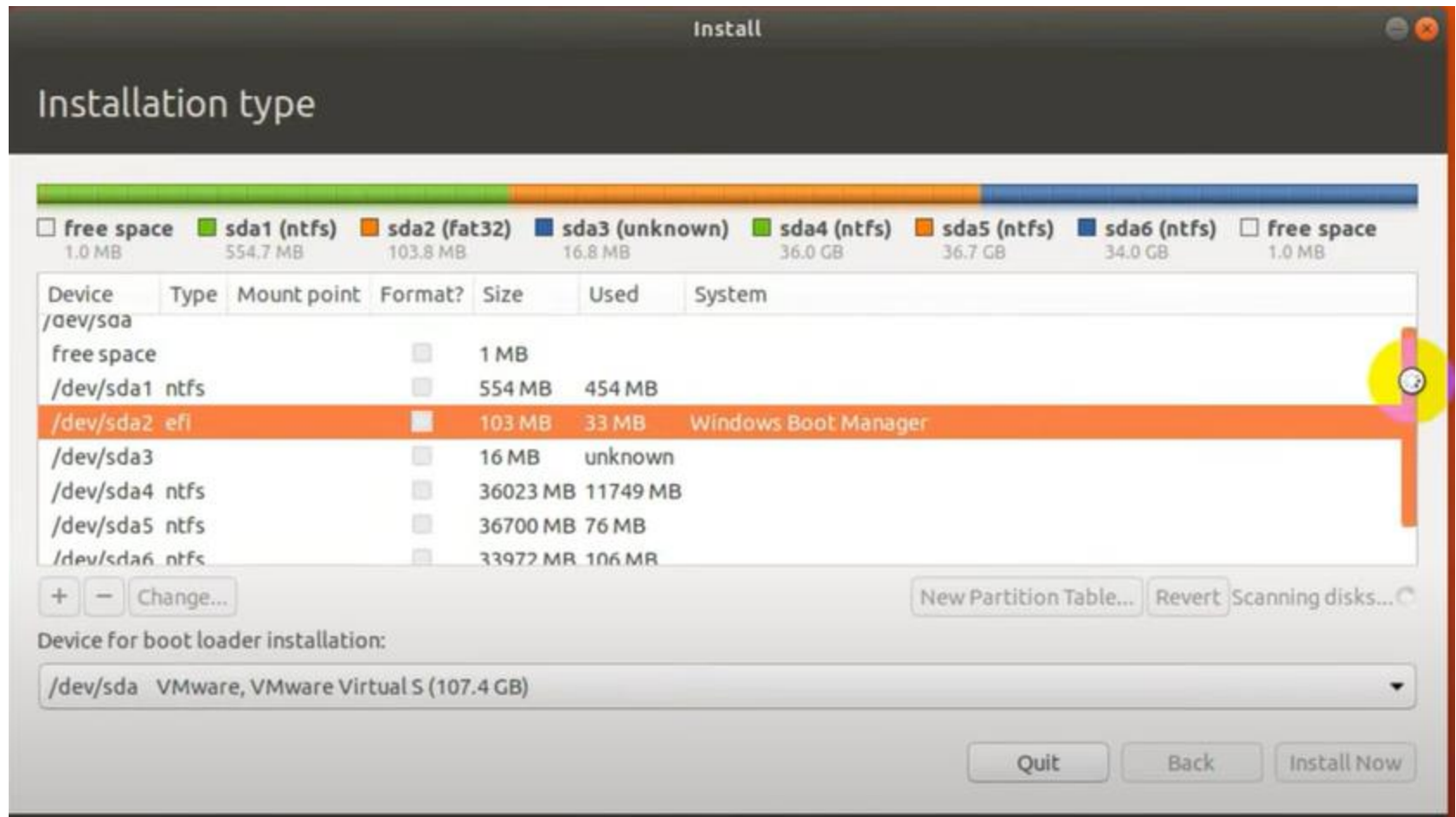
# Ubuntu Installation



# Ubuntu Installation

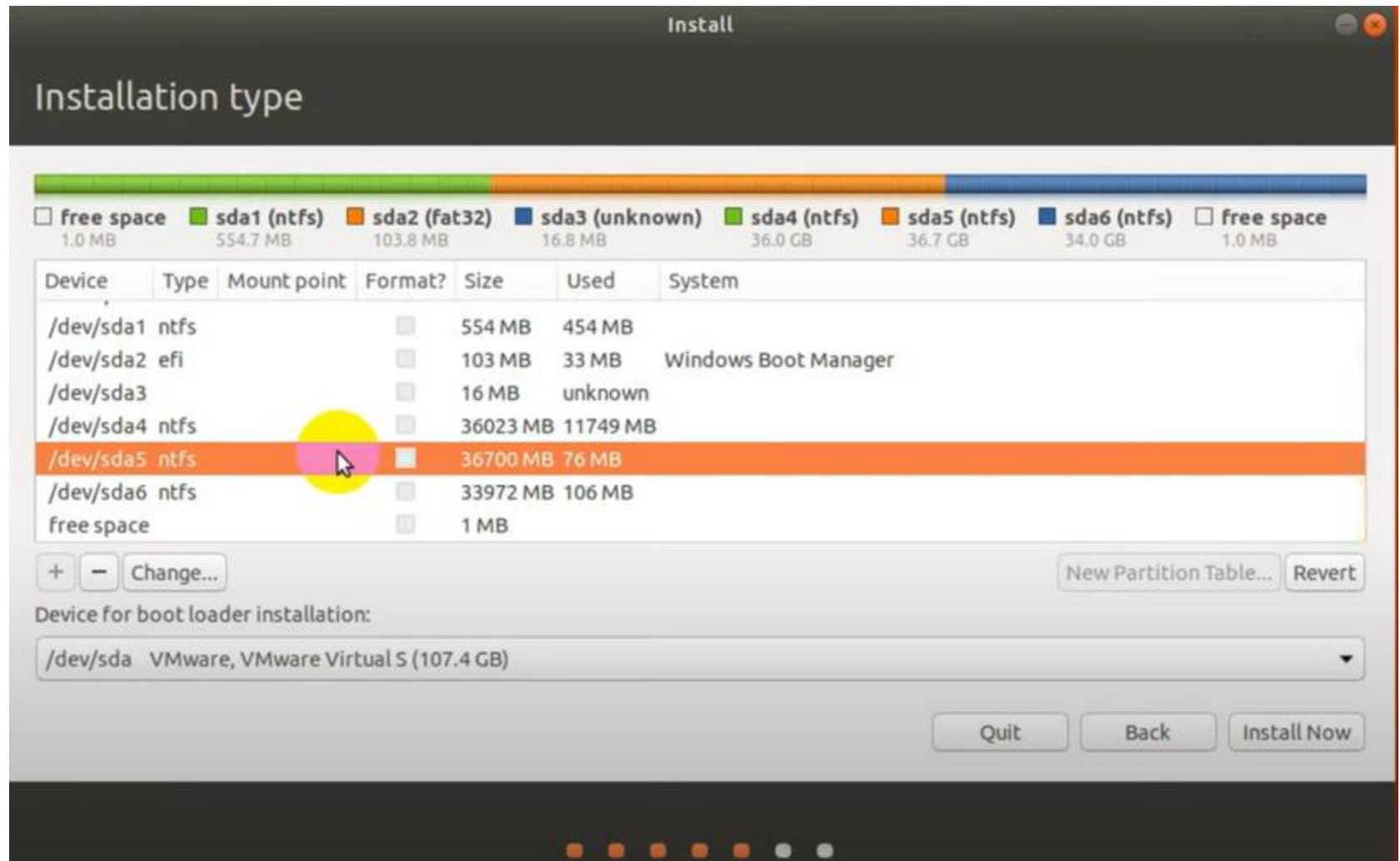


# Ubuntu Installation



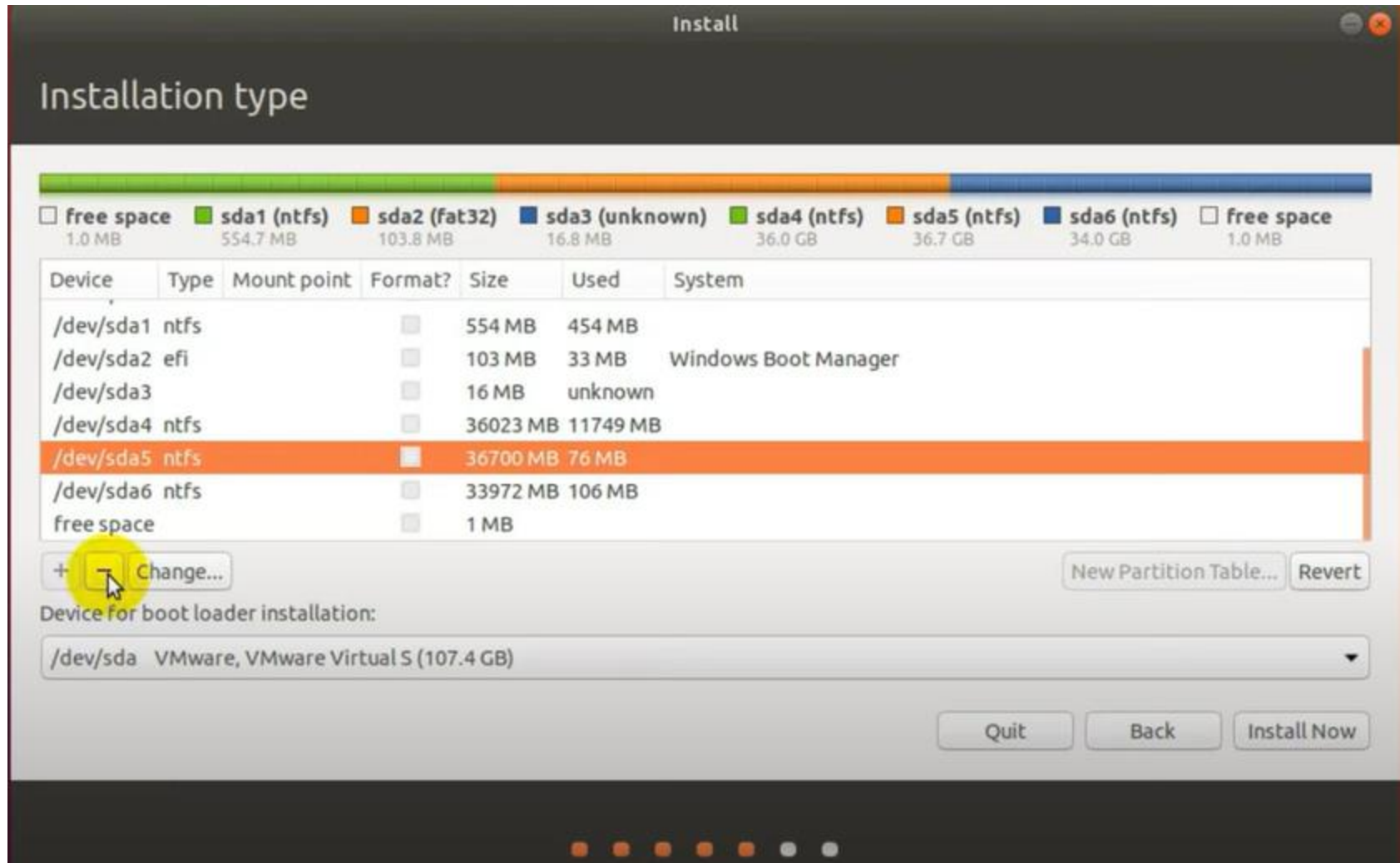
For GPT

# Ubuntu Installation



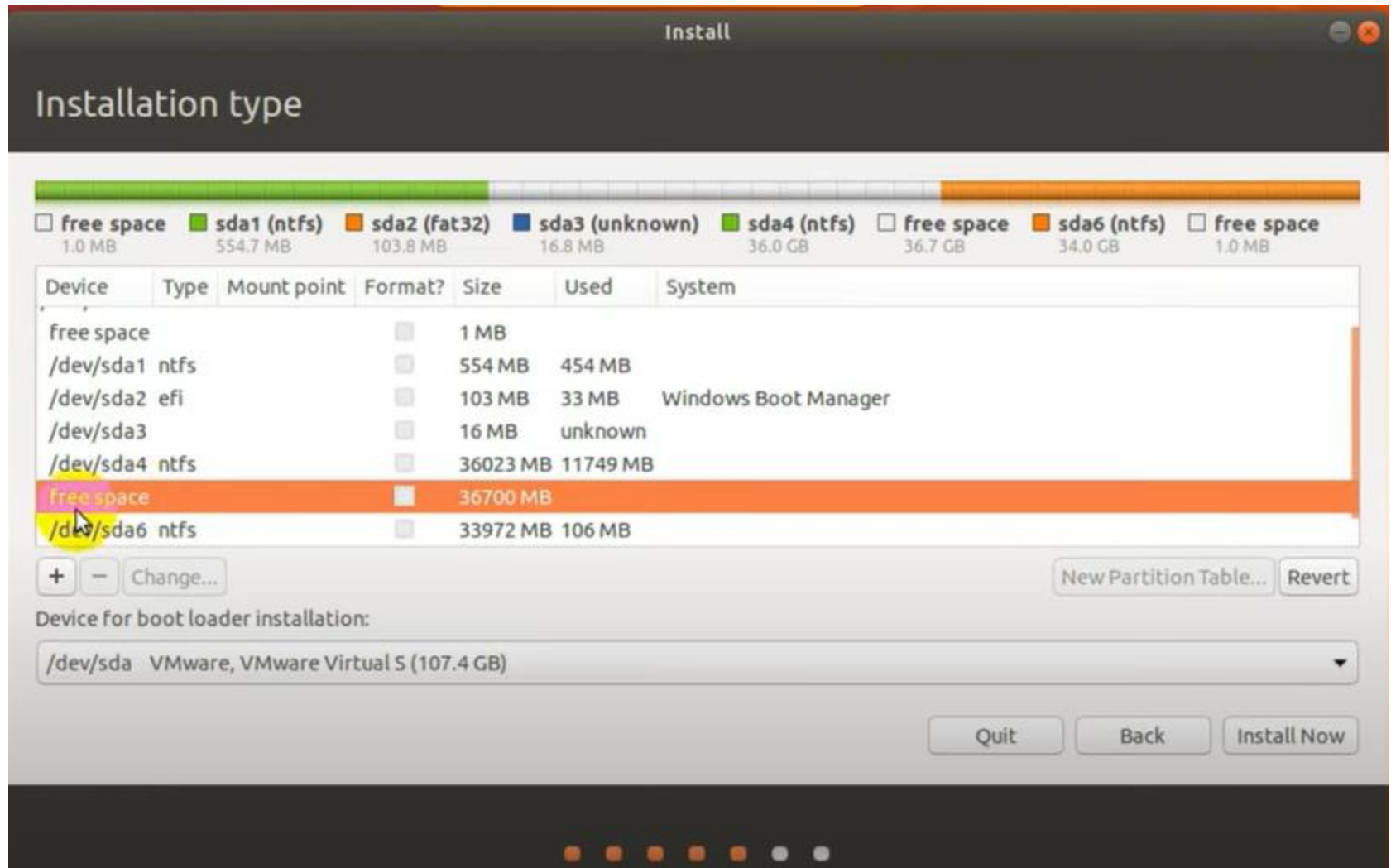
For GPT

# Ubuntu Installation



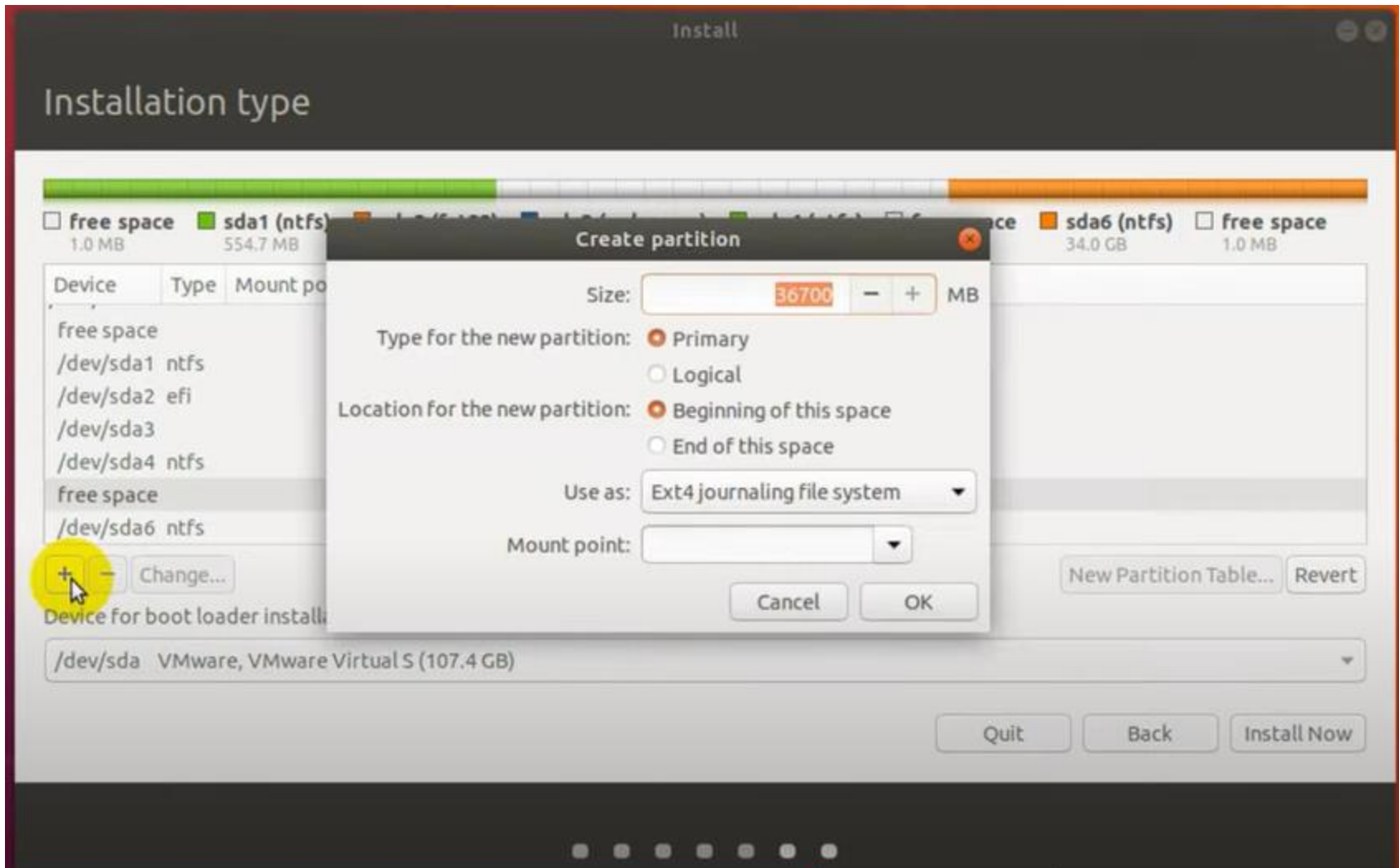
For GPT

# Ubuntu Installation



For GPT

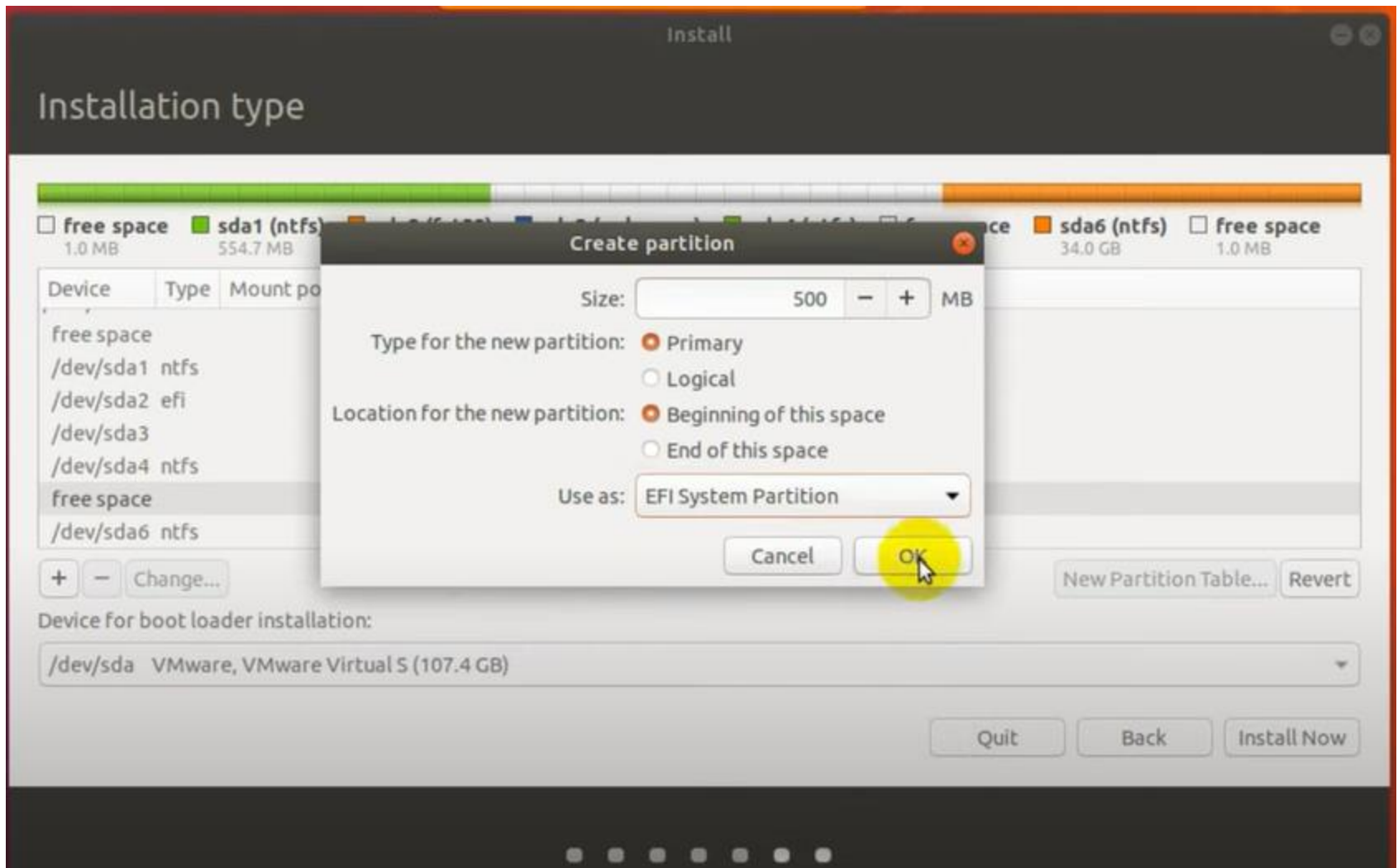
# Ubuntu Installation



For GPT



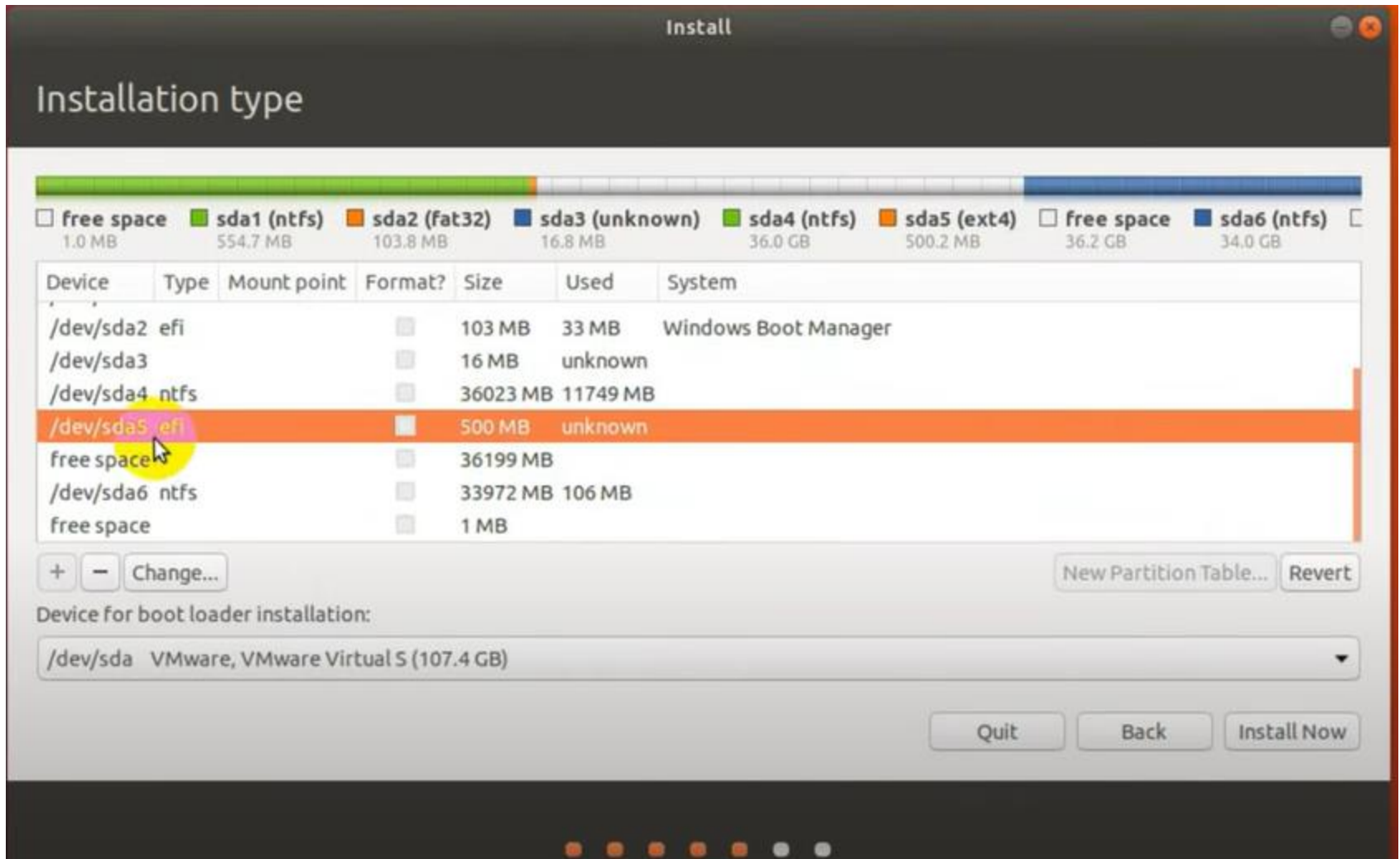
# Ubuntu Installation



For GPT

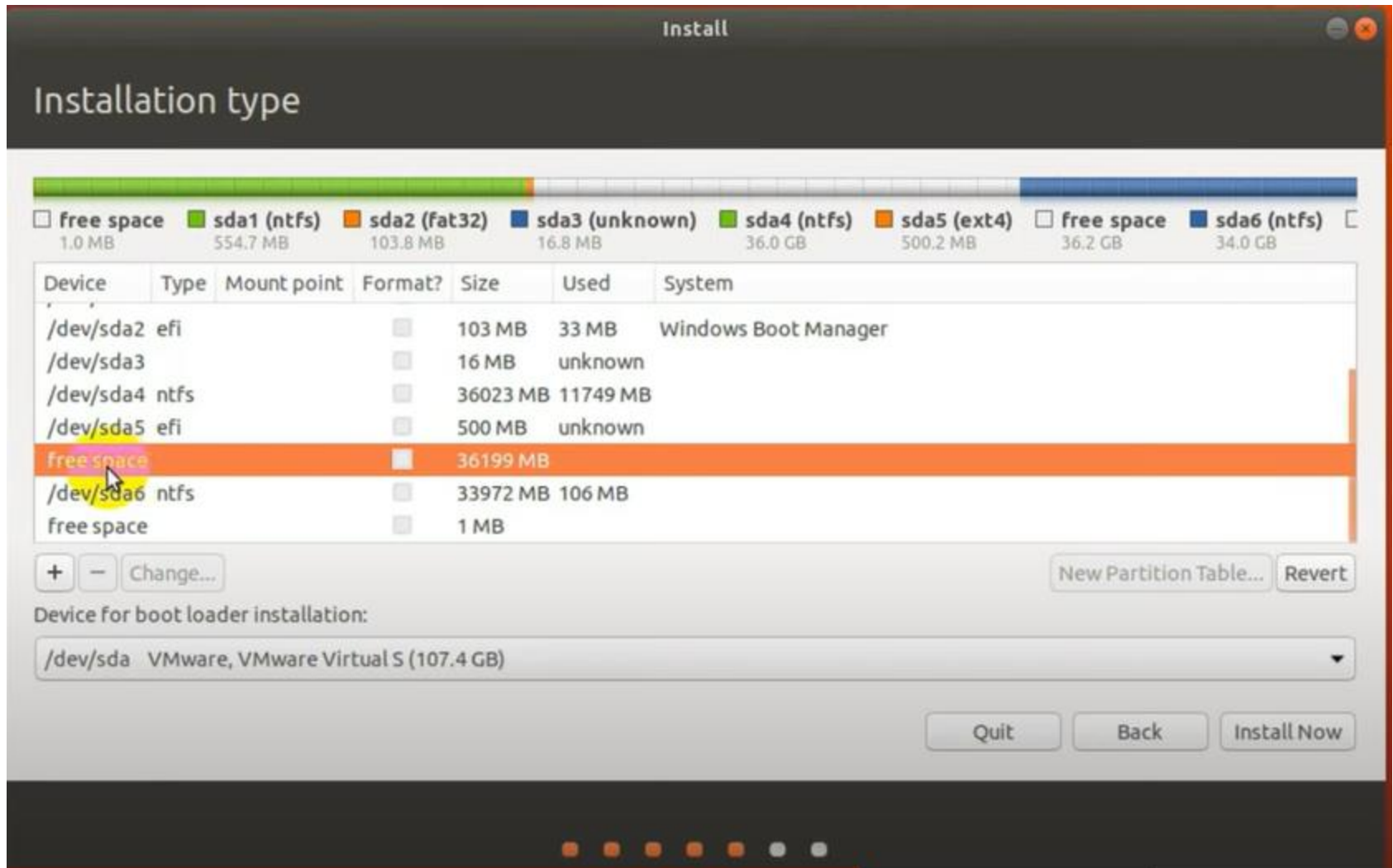


# Ubuntu Installation



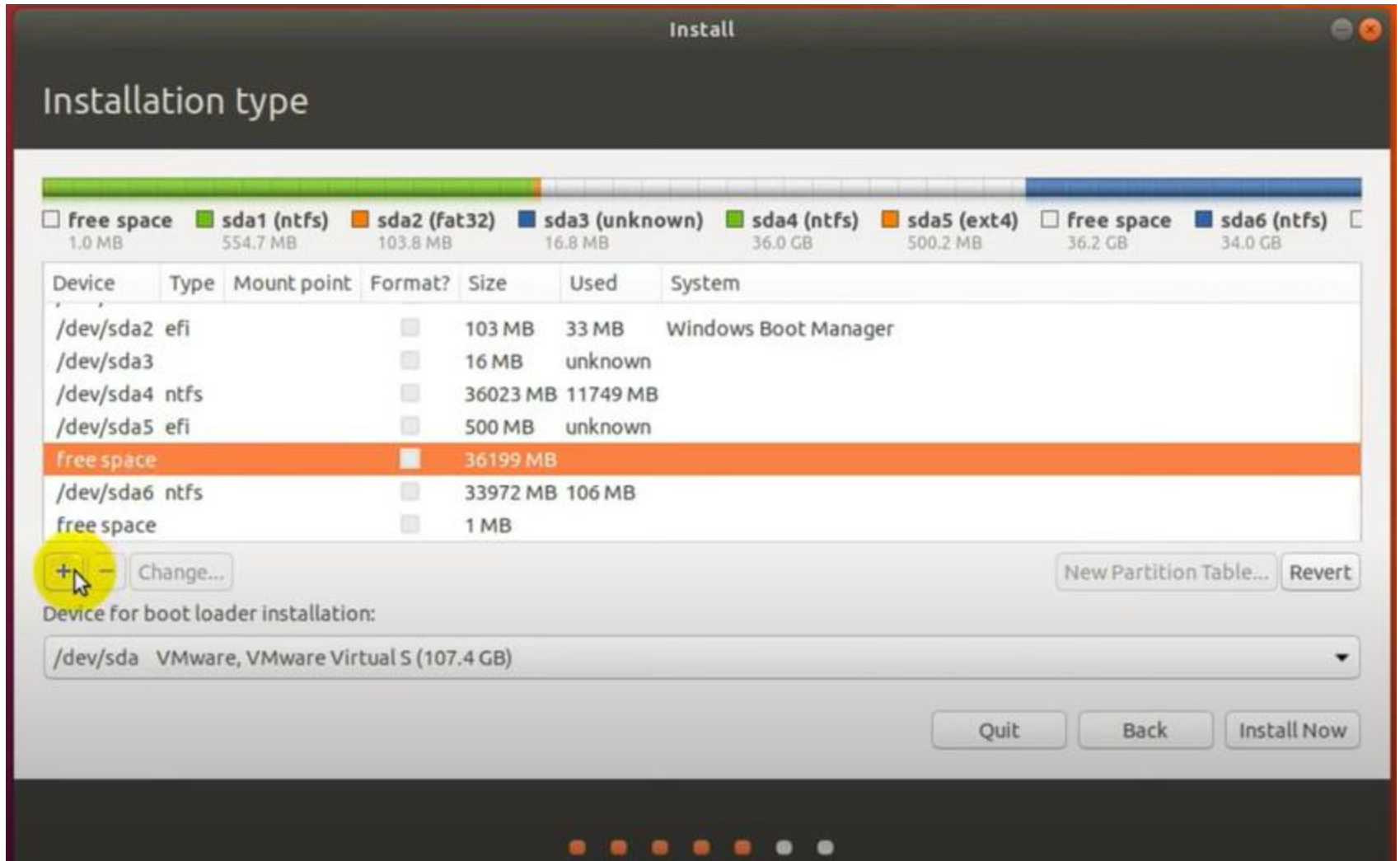
For GPT

# Ubuntu Installation



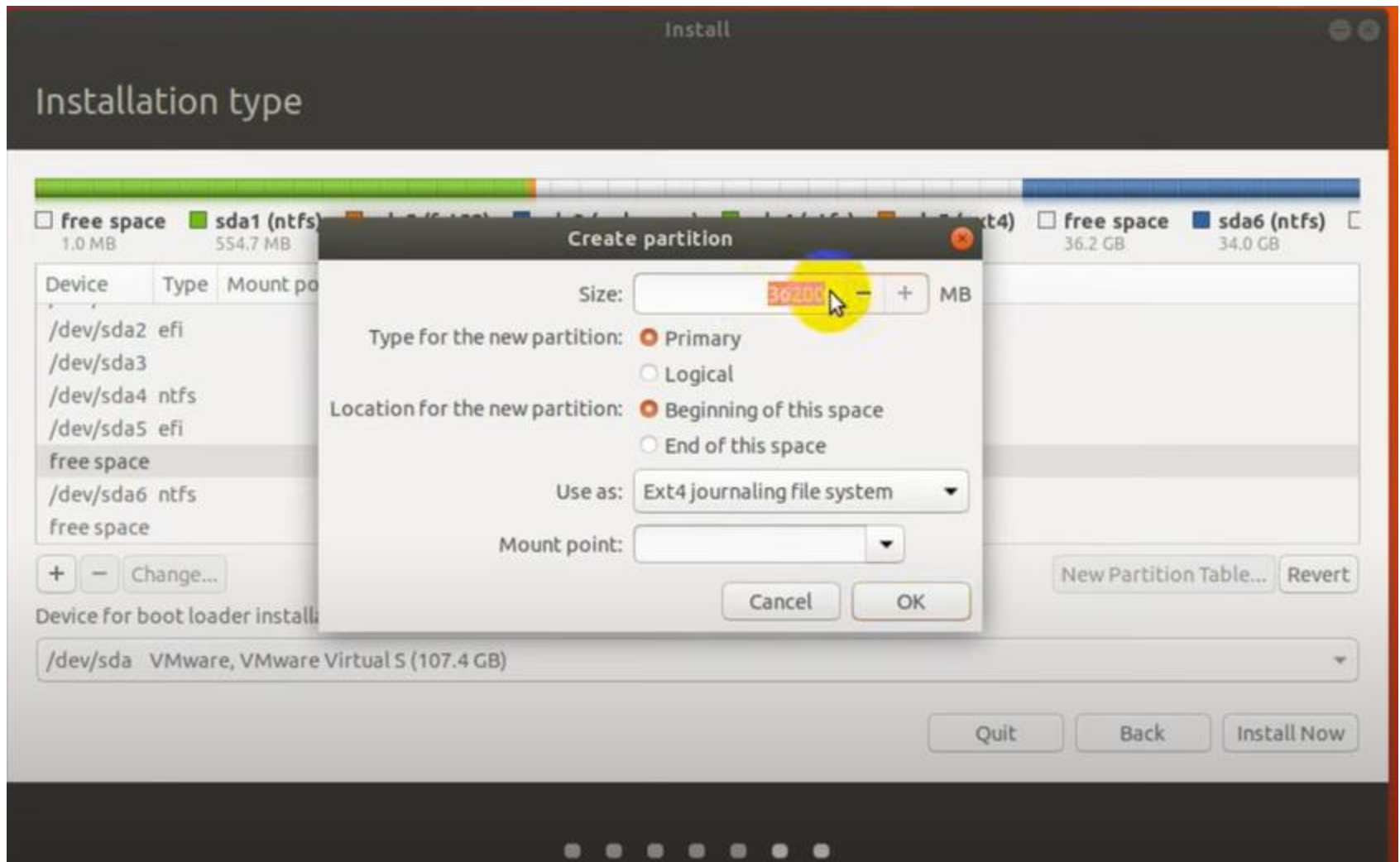
For GPT

# Ubuntu Installation



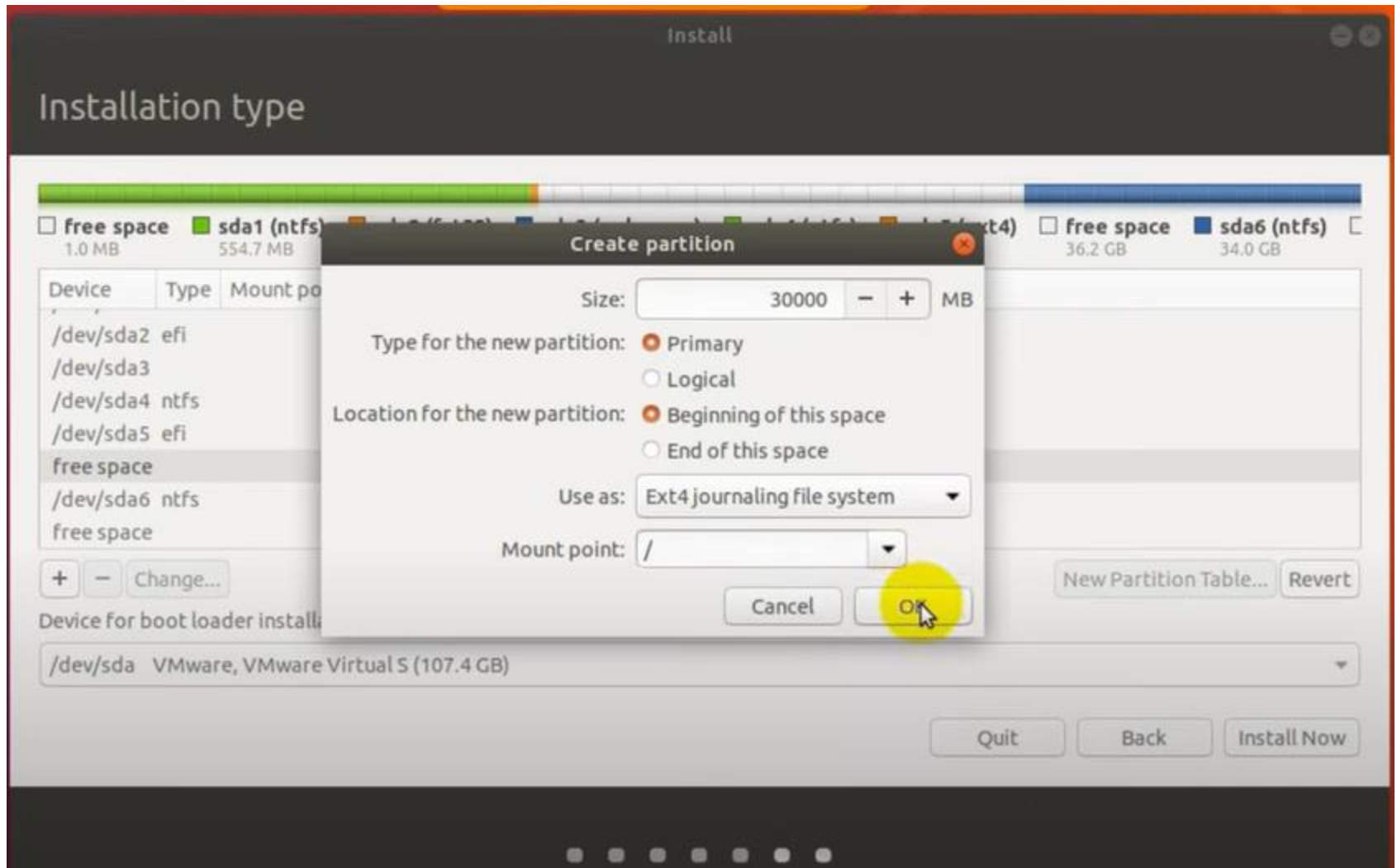
For GPT

# Ubuntu Installation



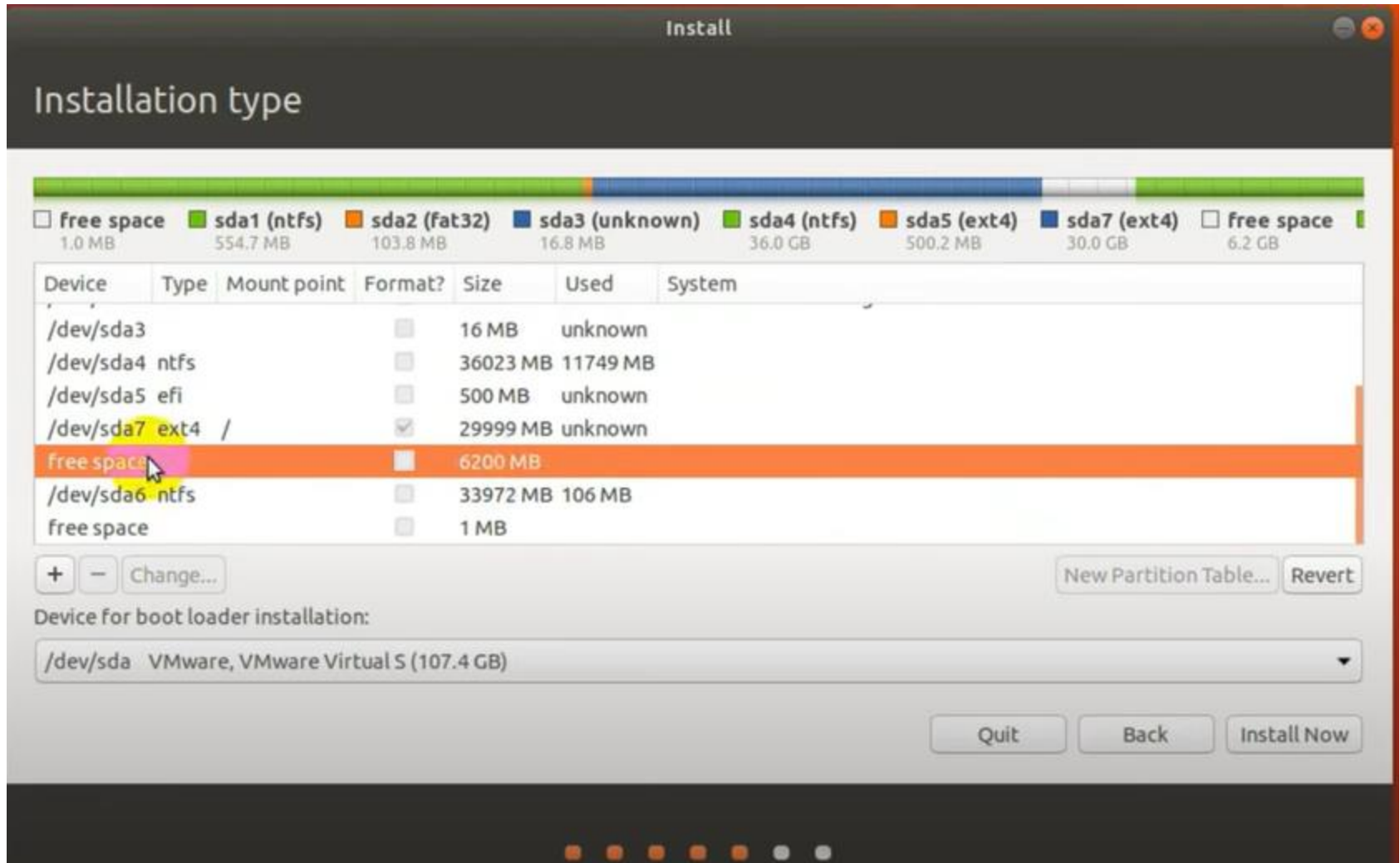
For GPT

# Ubuntu Installation



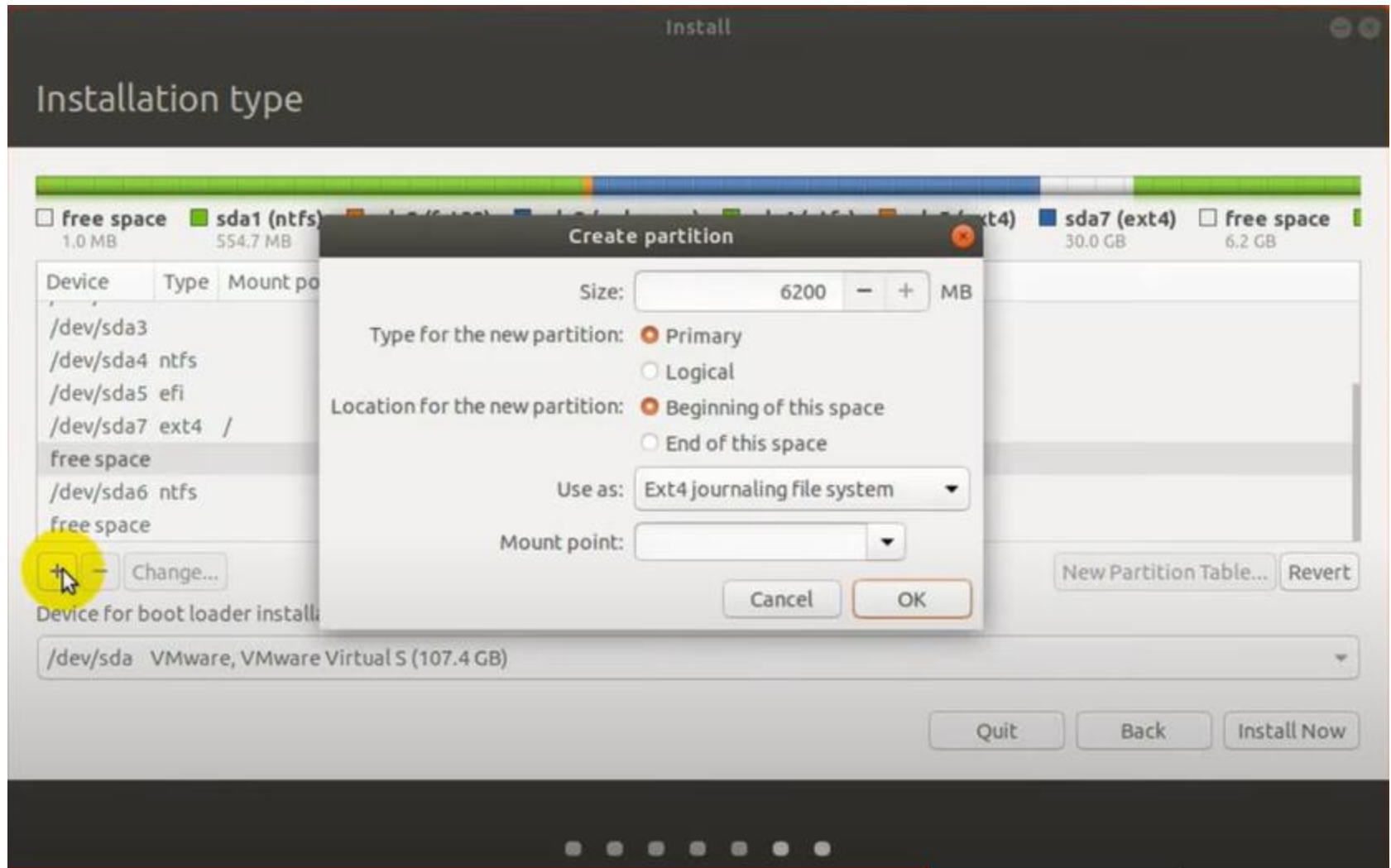
For GPT

# Ubuntu Installation



For GPT

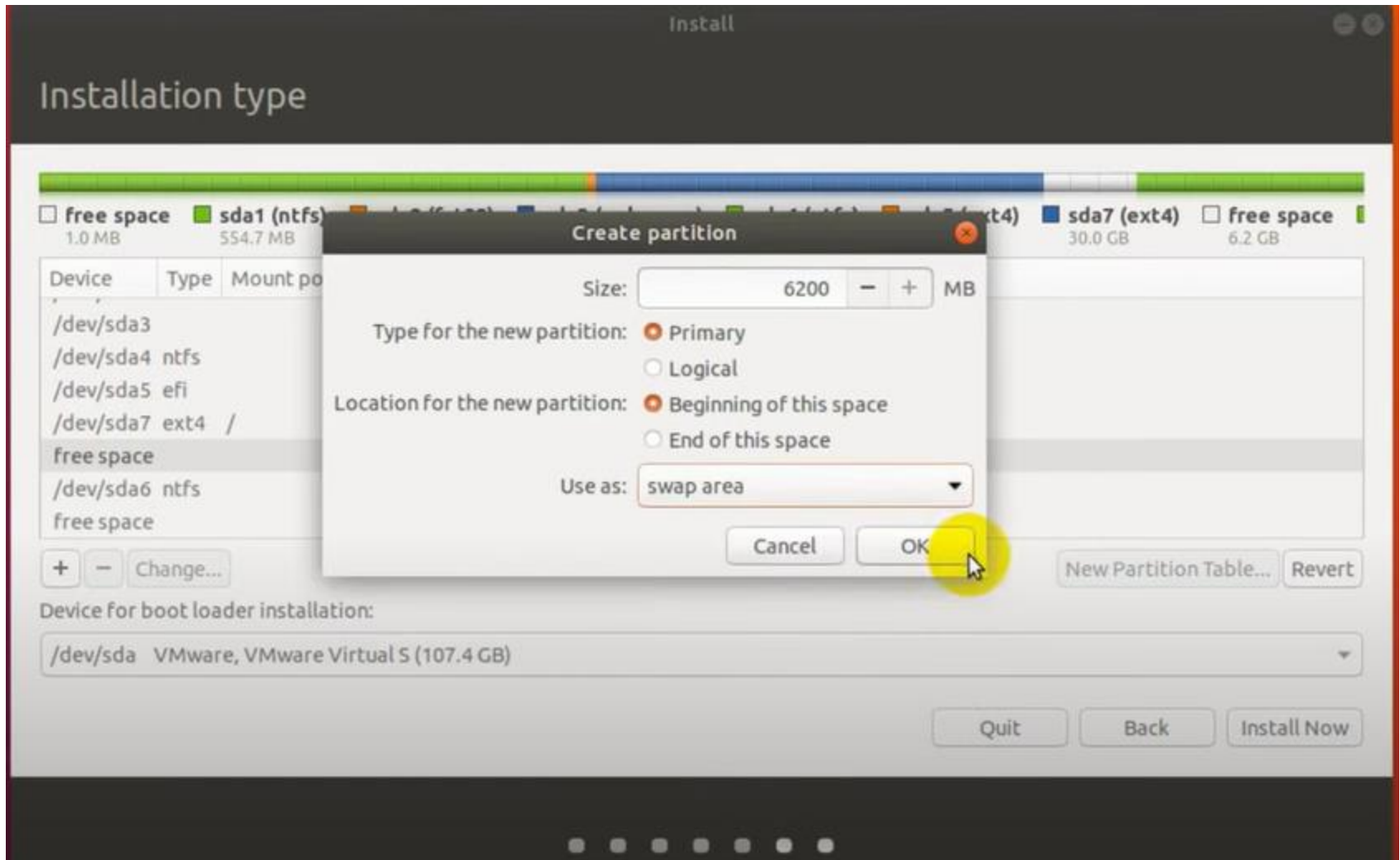
# Ubuntu Installation



For GPT



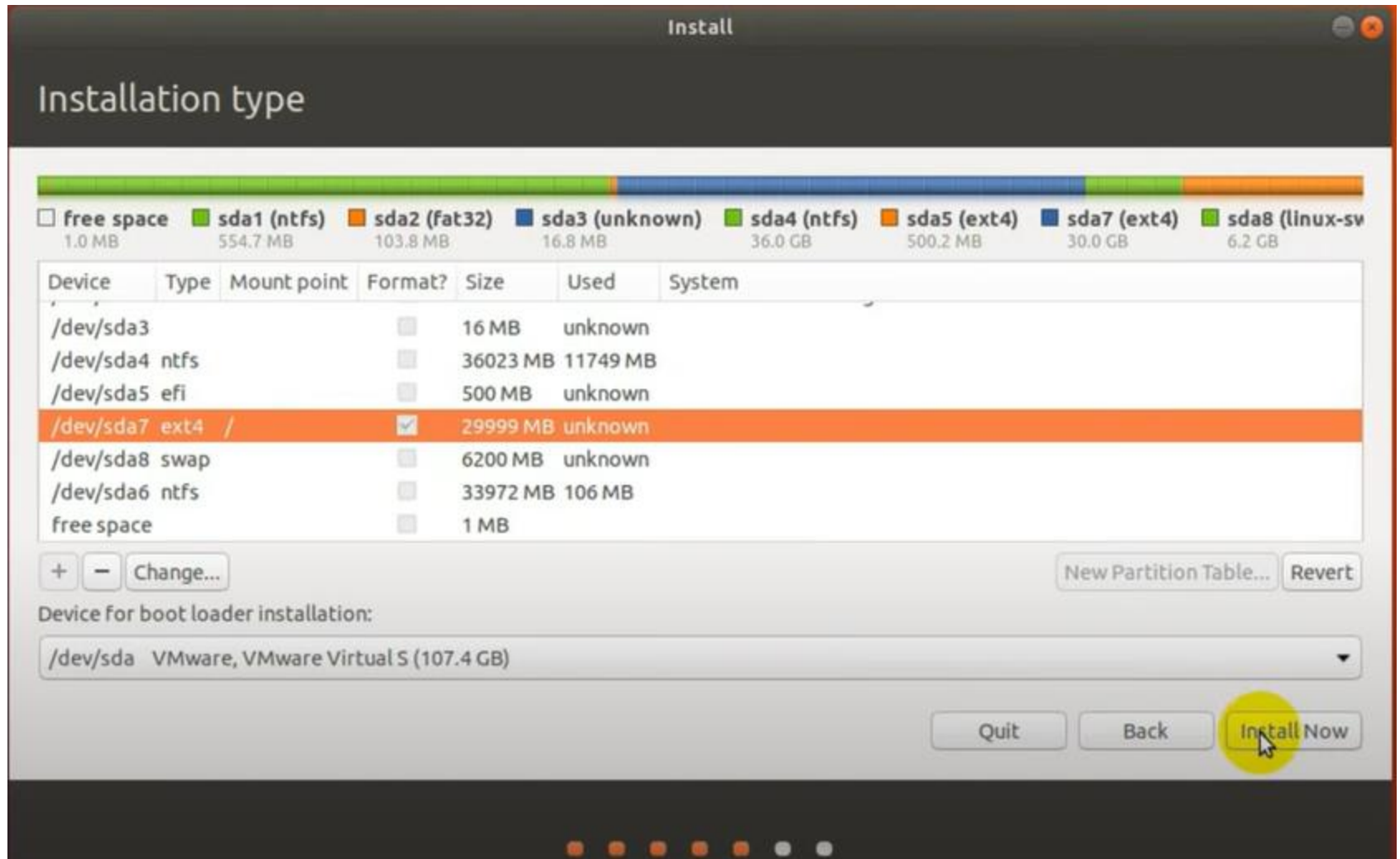
# Ubuntu Installation



For GPT

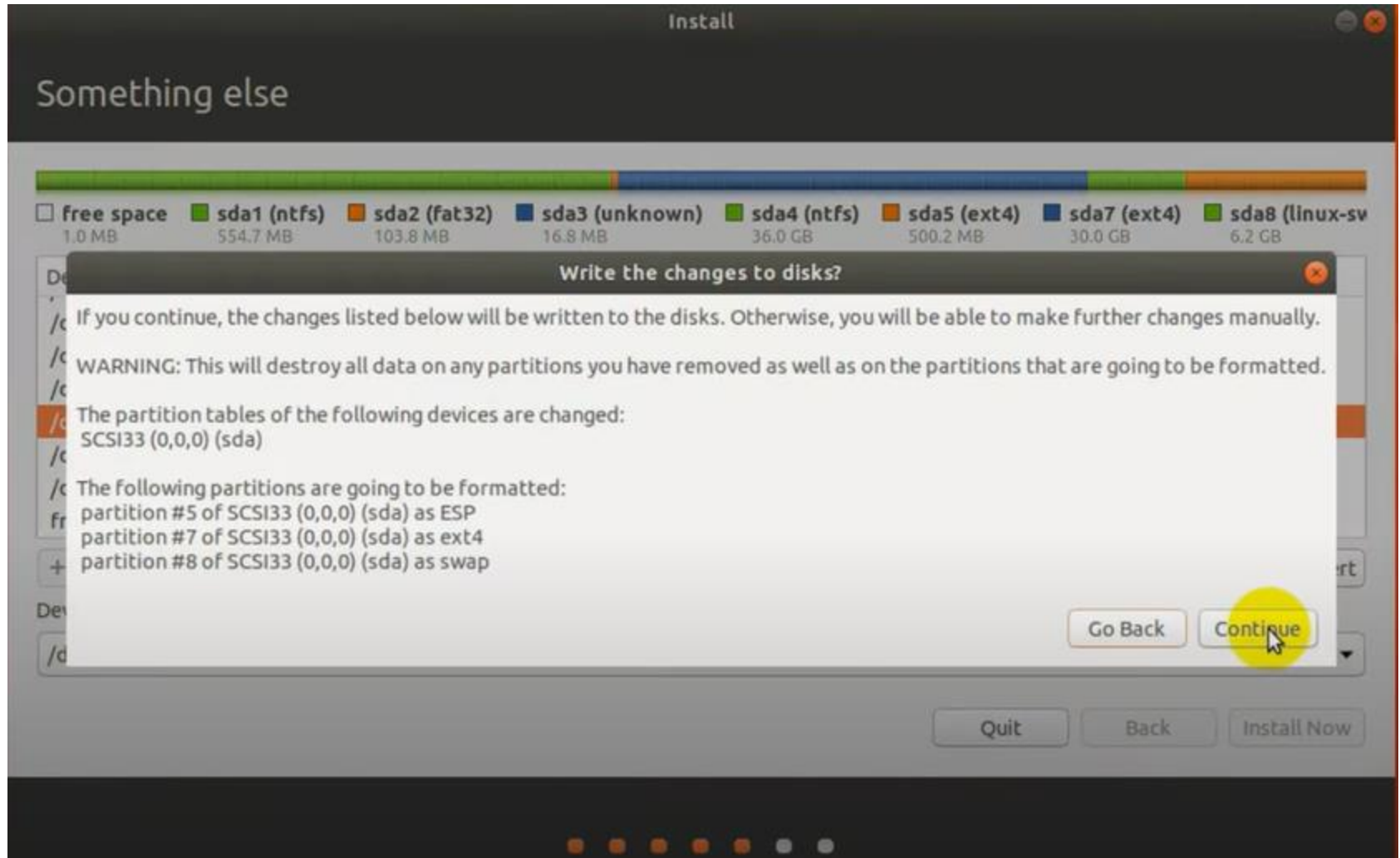


# Ubuntu Installation



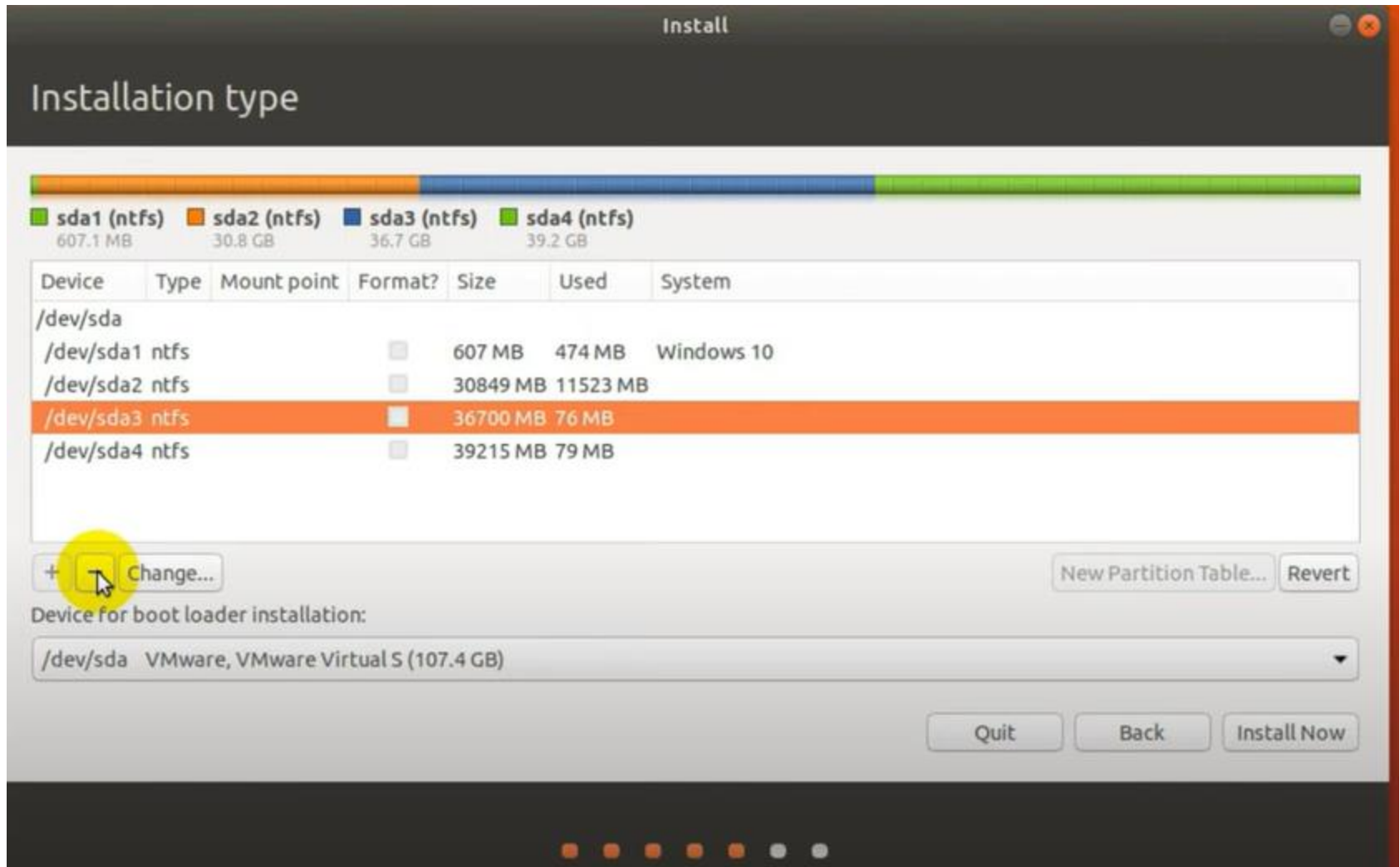
For GPT

# Ubuntu Installation



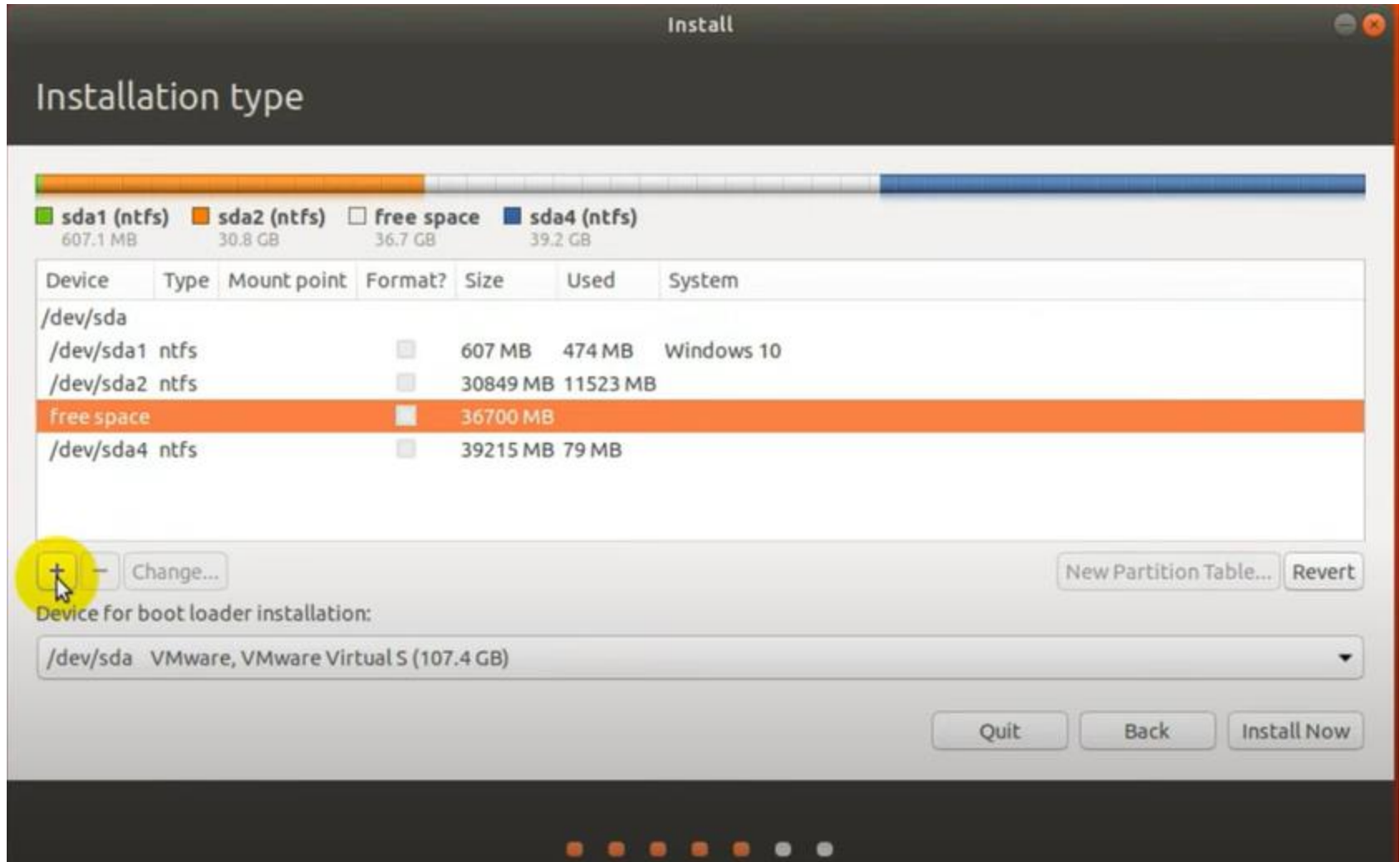
For GPT

# Ubuntu Installation



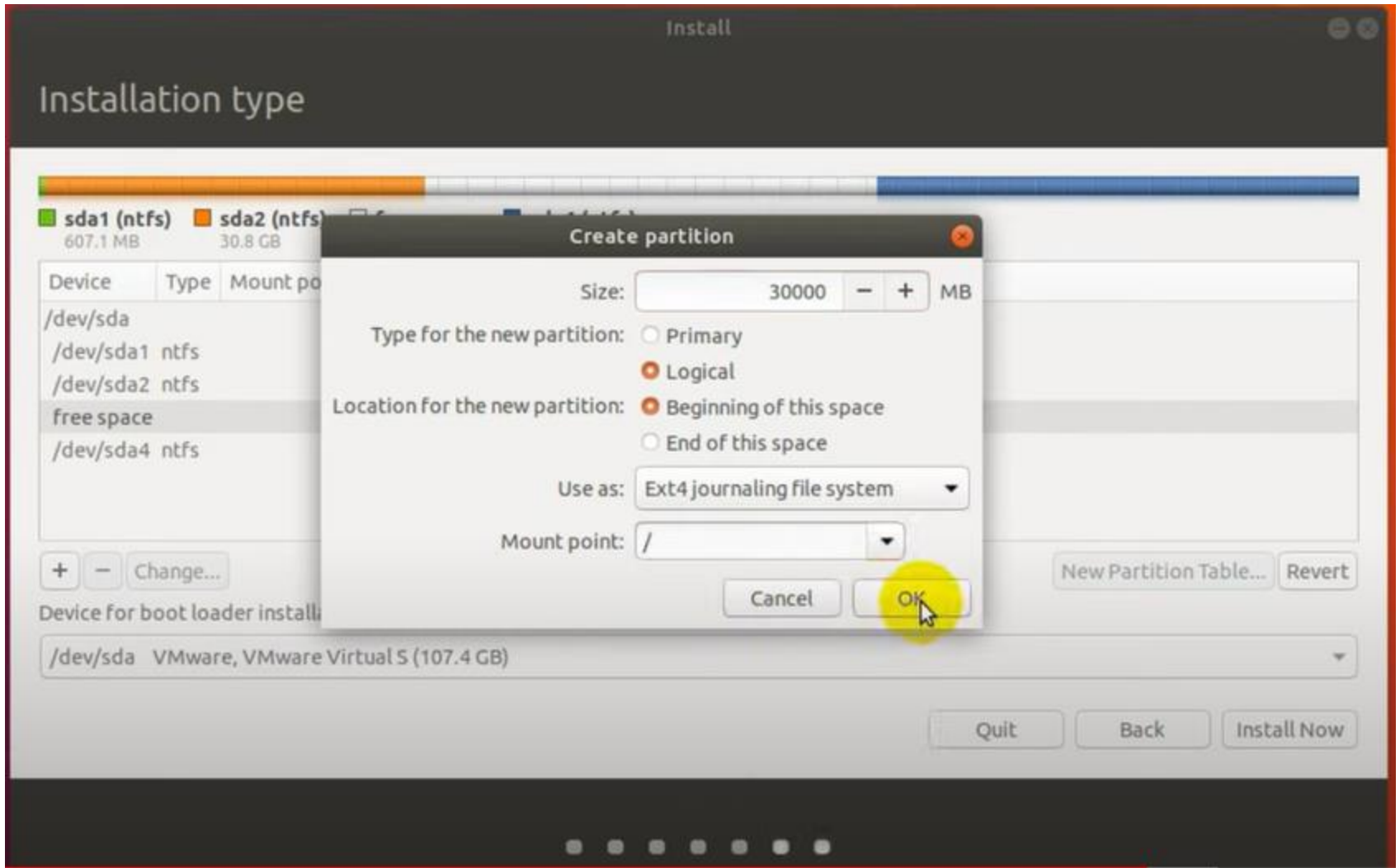
For MBR

# Ubuntu Installation



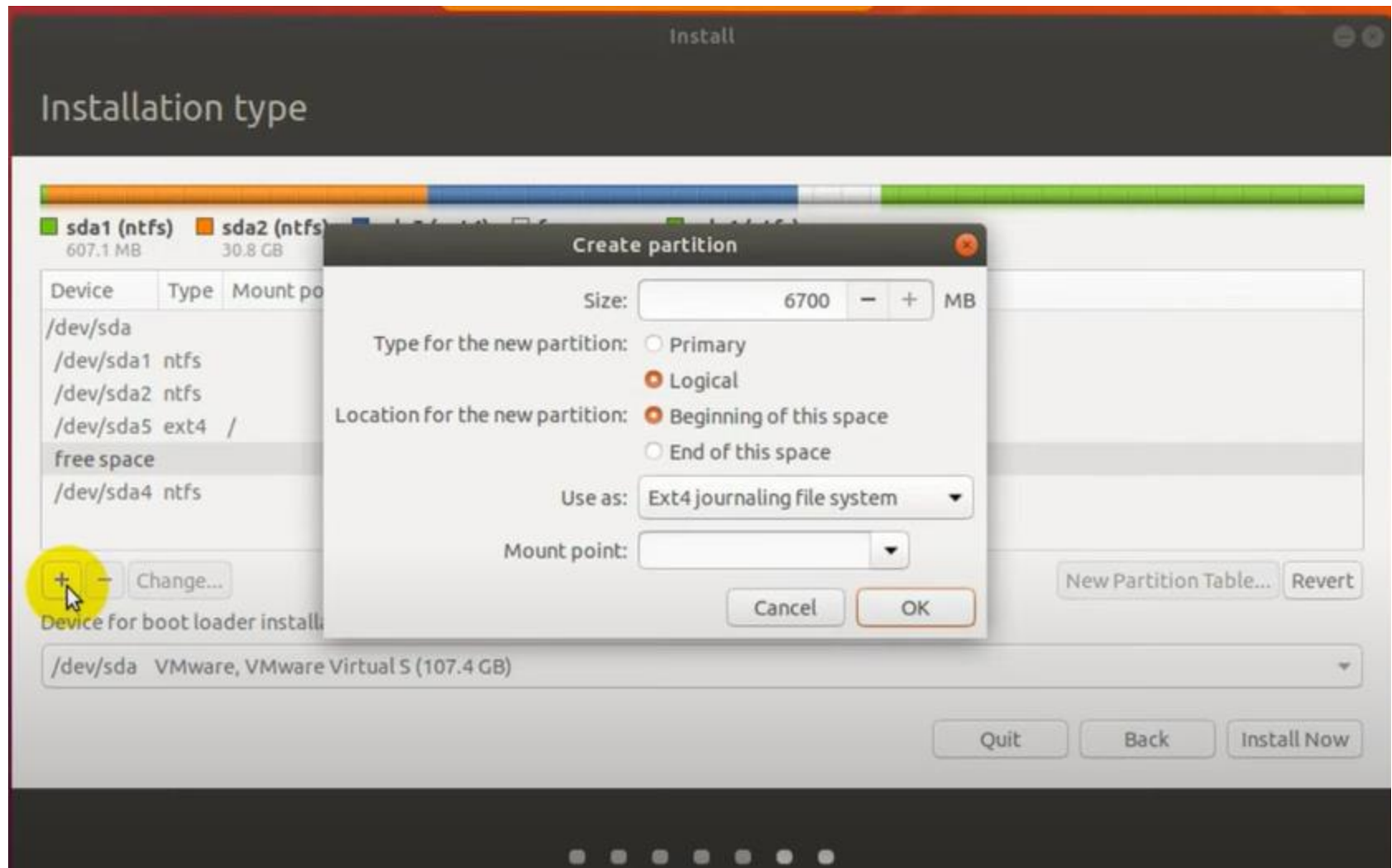
For MBR

# Ubuntu Installation



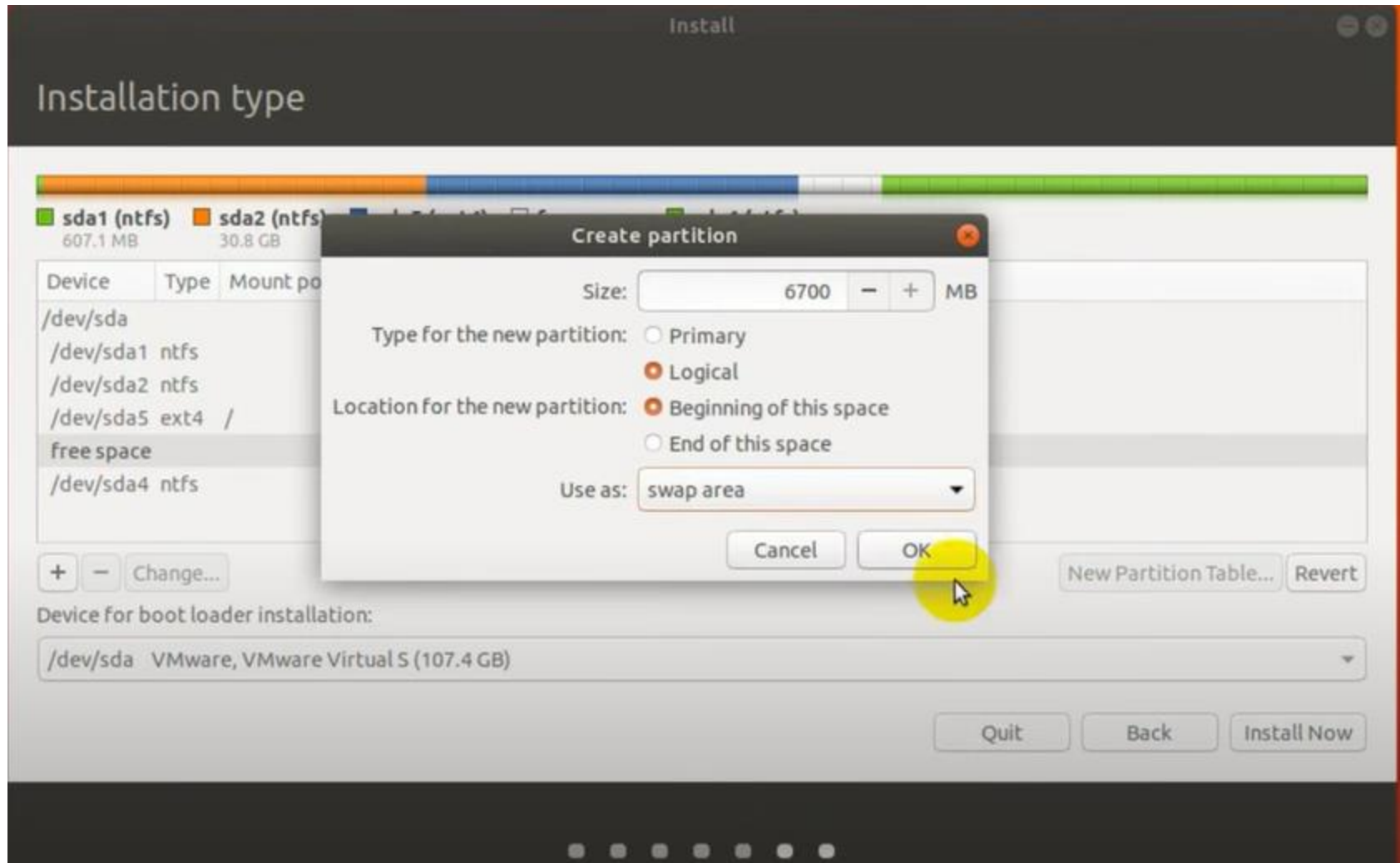
For MBR

# Ubuntu Installation



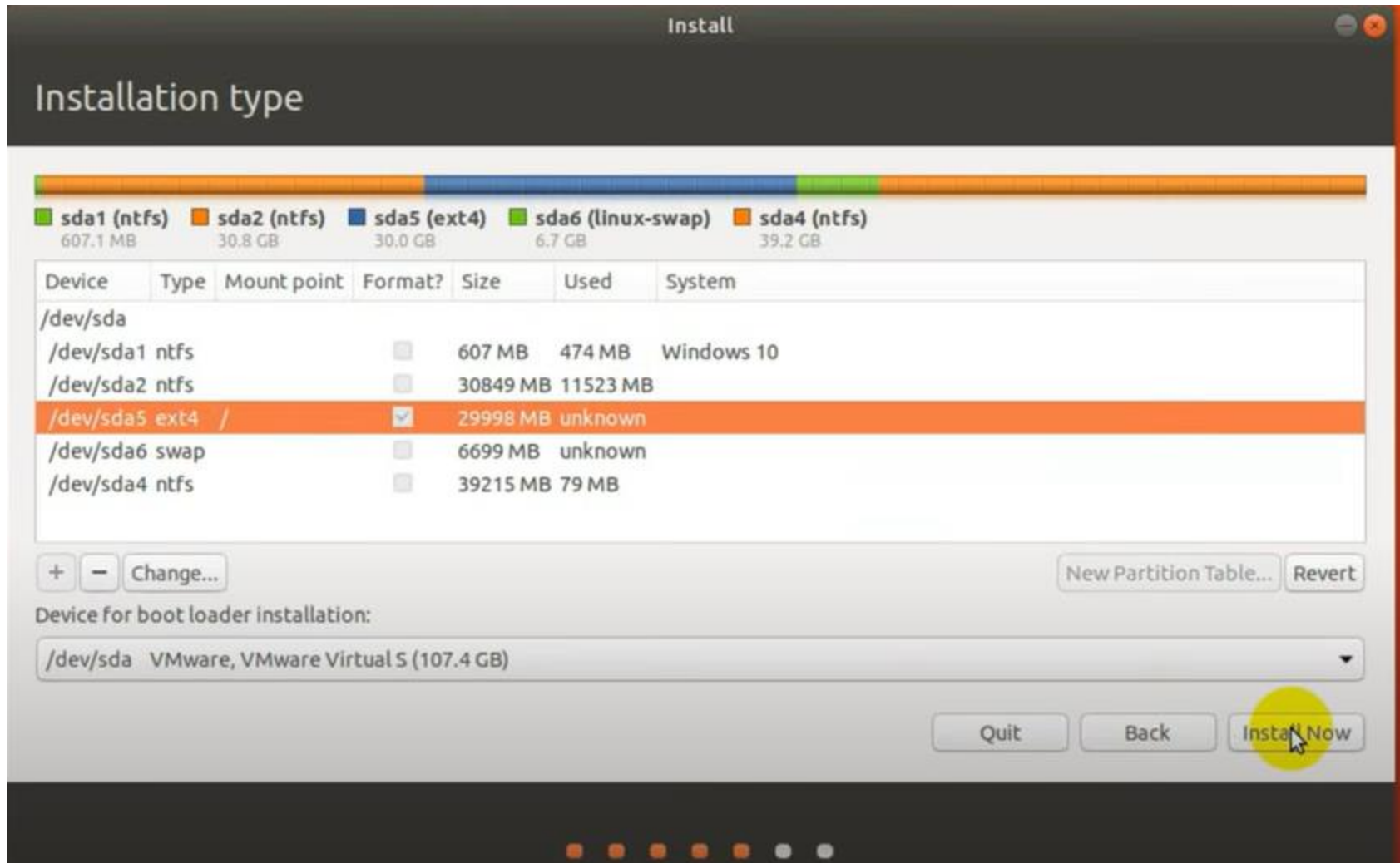
For MBR

# Ubuntu Installation



For MBR

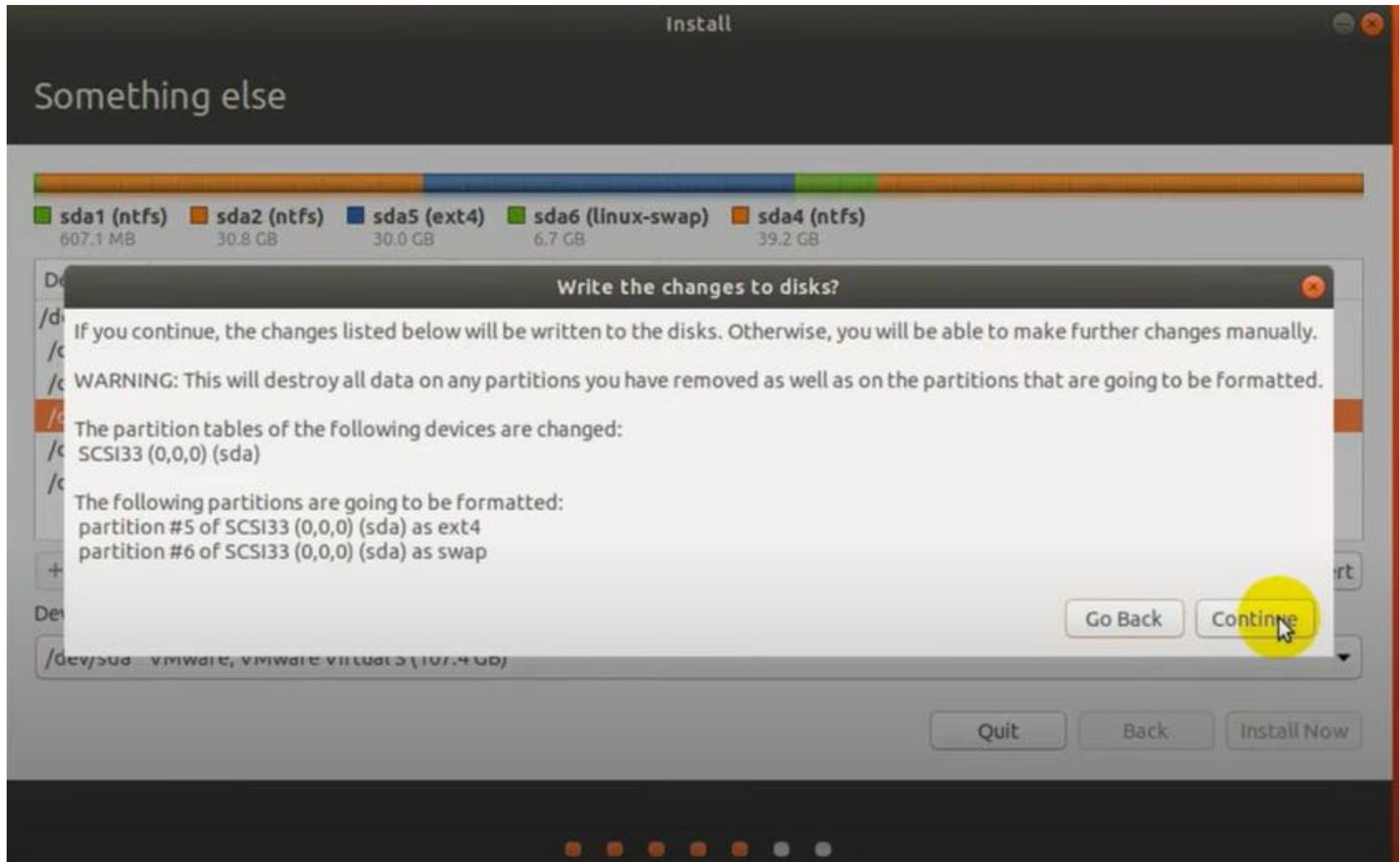
# Ubuntu Installation



For MBR



# Ubuntu Installation



# Ubuntu Installation



# Ubuntu Installation

Install

## Who are you?

Your name:

Your computer's name:   
The name it uses when it talks to other computers.


Pick a username:

Choose a password:

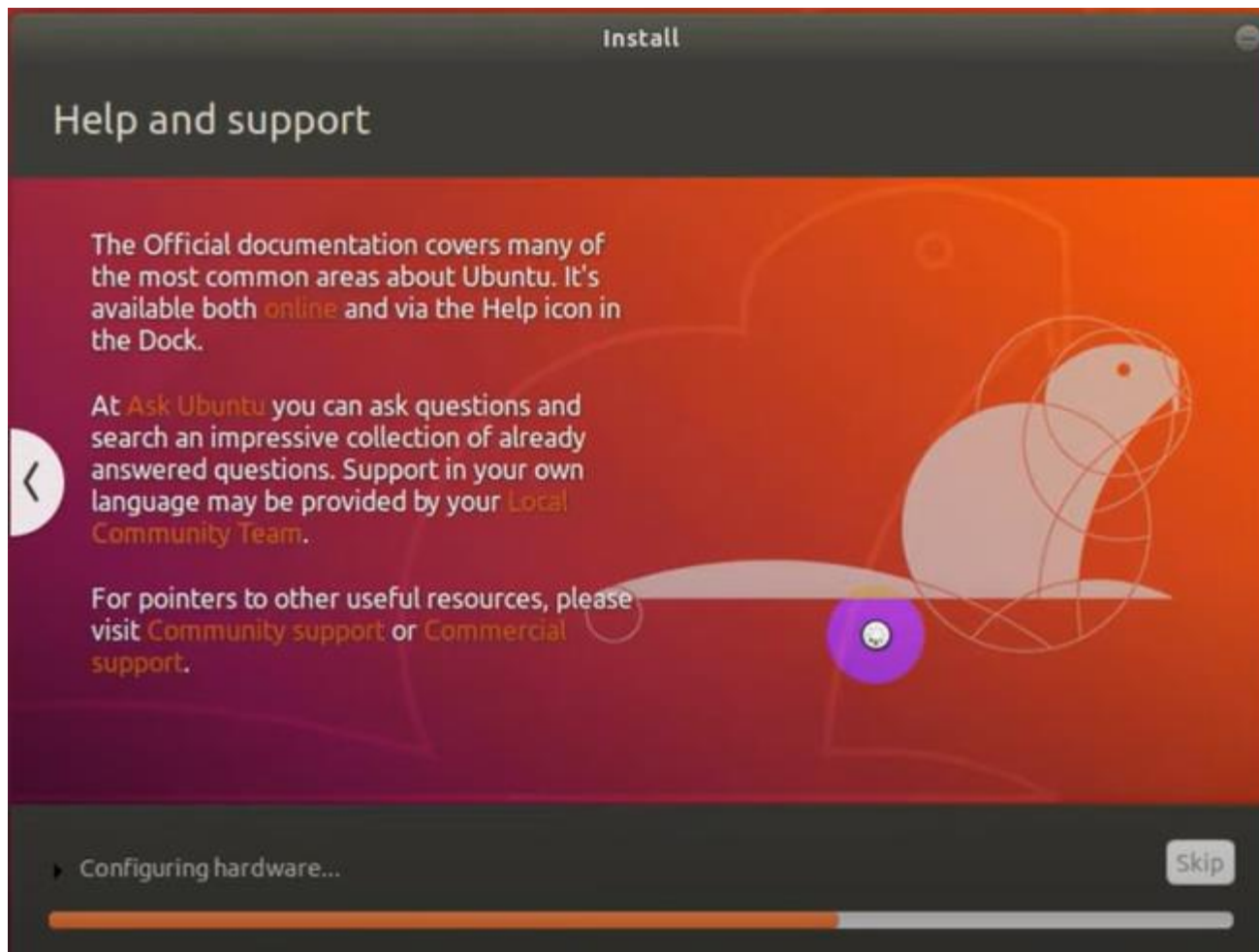
Confirm your password:

☐ Log in automatically  
☒ Require my password to log in

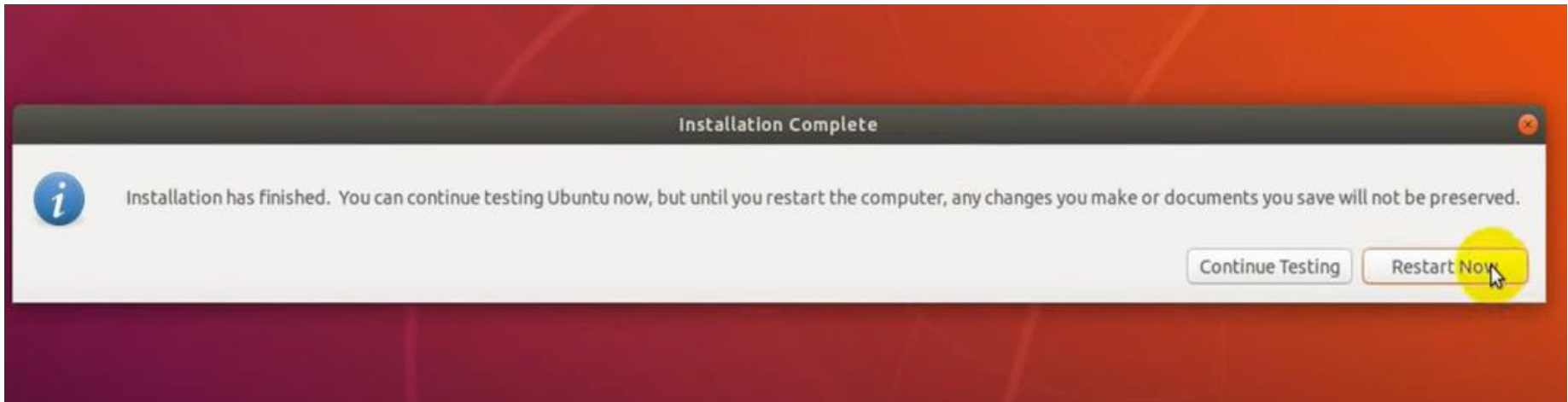
Back Continue



# Ubuntu Installation



# Ubuntu Installation



# Ubuntu Installation

