## ¿Cómo hacer un USB para instalar Ubuntu?

## Requerimientos

Se requiere lo siguiente:

- Un USB con capacidad mayor a 4GB.
- Una computadora con Windows.
- Rufus, un software de uso libre para escritura.
- Un archivo ISO con la versión de Ubuntu deseada.

## 1. Descargar ISO de Ubuntu

 Se procede a descargar el ISO de Ubuntu 20.04 LTS de la siguiente pagina:

Ubuntu 20.04.4 LTS (Focal Fossa)

#### ubuntu<sup>©</sup> releases

### Ubuntu 20.04.4 LTS (Focal Fossa)

### Select an image

Ubuntu is distributed on three types of images described below.

#### Desktop image

The desktop image allows you to try Ubuntu without changing your computer at all, and at your option to install it permanently later. This type of image is what most people will want to use. You will need at least 2048MiB of RAM to install from this image.

#### 64-bit PC (AMD64) desktop image

Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). Choose this if you are at all unsure.

## 2. Descargar **RUFUS**

• Se dirige a la página Rufus - Create bootable USB drives the easy way, donde se podrá descargar el programa necesario para poder formatear el USB para instalar UBUNTU.

#### **Download**

#### Last updated 2022.08.03:

- Rufus 3.20 (1.3 MB)
- Rufus 3.20 Portable (1.3 MB)
   Other versions (GitHub)
- Other versions (FossHub)

#### Supported Languages:

Bahasa Indonesia, Bahasa Malaysia, Български, Čeština, Dansk, Deutsch, Ελληνικά, English, Español, Français, Hrvatski, Italiano, Latviešu, Lietuvių, Magyar, Nederlands, Norsk, Polski, Português, Português do Brasil, Русский, Română, Slovensky, Slovenščina, Srpski, Suomi, Svenska, Tiếng Việt, Türkçe, Українська, 简体中文, 正體中文, 日本語, 한국어, ไทย, يارسى العربية , لاحدىر

#### System Requirements:

Windows 7 or later, 32 or 64 bit doesn't matter. Once downloaded, the application is ready to use.

I will take this opportunity to express my gratitude to the translators who made it possible for Rufus, as well as this webpage, to be translated in various languages. If you find that you can use Rufus in your own language, you should really thank them!

## 3. Se abre la version de RUFUS instalada

- Se inserta el usb.
- Rufus detectara el usb conectado a la computadora.
- Se selecciona el dispositivo deseado (USB).

Rufus 3.19.1911 (Portable)	—		$\times$
Drive Properties			
NO LABEL (D:) [128 GB]			~
Boot selection			
Disk or ISO image (Please select)	~ 🛇	SELECT	-
Partition scheme	Target system		
MBR	BIOS (or UEFI-CSM)		$\sim$
Show advanced drive properties			
Format Options			_
Volume label			
128 GB			
File system	Cluster size		
Large FAT32 (Default)	32 kilobytes (Default)		
<ul> <li>Hide advanced format options</li> </ul>			
✓ Quick format			
Create extended label and icon files			
Check device for bad blocks	1 pass		
Status			
READ	γ		
⑤ ① ≵ ■	START	CLOSE	
S i ≈ I	START	CLOSE	

## 4. Se selecciona el ISO de Ubuntu

 Seleccionamos de nuestras carpetas de archivos el ISO de Ubuntu que deseamos instalar presionando el botón SELECT y cargamos el archivo.

🖋 Rufus 3.19.1911 (Portable)	- 🗆 ×	<
Drive Properties		-
Device		
NO_LABEL (D:) [128 GB]	~	1
Boot selection		
ubuntu-20.04.4-desktop-amd64.iso	✓ ✓ SELECT ▼	•
Persistent partition size		
	0 (No persistence)	
Partition scheme	Target system	
MBR ~	BIOS or UEFI	•
<ul> <li>Show advanced drive properties</li> </ul>		
Format Ontions		
Format Options		-
Volume label		
Ubuntu 20.04.4 LIS amd64		
File system	Cluster size	
Large FAT32 (Default)	32 kilobytes (Default)	1
<ul> <li>Hide advanced format options</li> </ul>		
✓ Quick format		
Create extended label and icon files		
Check device for bad blocks	1 pass ~	•
Status		_
READ	(	
<u>(</u> () ≈ III	START CLOSE	
Using image: ubuntu-20.04.4-desktop-amd64	ł.ISO	

## 5. Se escribe el ISO en el USB

 Se dejan los ajustes predeterminados y se presiona el botón START para inicializar el proceso.

🖋 Rufus 3.19.1911 (Portable)				$\times$
Drive Properties				
Device				
NO_LABEL (D:) [128 GB]				
Boot selection		-		
ubuntu-20.04.4-desktop-amd64.iso	×.	$\oslash$	SELECT	-
Persistent partition size				
1		0 (No	persistence)	
Partition scheme	Target system			
MBR ~	BIOS or UEF	1		$\sim$
➤ Show advanced drive properties				
Format Ontions				
				_
Volume label				
File system	Chustensie			
File system	22 kilobutor	(Default	4	~
	52 kilobytes	Delauli	.)	
<ul> <li>Hide advanced format options</li> </ul>				
✓ Quick format				
Check device for bad blocks	1 page			~
	i pass			
Status ———				—
READ	Y			
🔇 (i) 🌫 🔲	START		CLOSE	
	0.0.00		02002	
Using image: ubuntu-20.04.4-desktop-amd64	1.iso			

# 6. Método de escritura

 Se mostrara una ventana emergente la cual nos permitirá seleccionar el método de escritura deseado, este se dejara de la manera recomendada en ISO. ISOHybrid image detected

2 The

The image you have selected is an 'ISOHybrid' image. This means it can be written either in ISO Image (file copy) mode or DD Image (disk image) mode. Rufus recommends using ISO Image mode, so that you always have full access to the drive after writing it.

However, if you encounter issues during boot, you can try writing this image again in DD Image mode.

Please select the mode that you want to use to write this image:

• Write in ISO Image mode (Recommended)

O Write in DD Image mode

Cancel

OK

# 6. Método de escritura

 Mostrara una ventana emergente avisando que todo el contenido en el USB será eliminado, procedemos presionando OK. Rufus



WARNING: ALL DATA ON DEVICE 'UBUNTU 20\_0 (D:) [7.8GB]' WILL BE DESTROYED. To continue with this operation, click OK. To quit click CANCEL.

0

OK

Cancel

 $\times$ 

## 7. Proceso de Instalación

 Una vez presionado OK, se inicia la configuración del USB para instalar Ubuntu.

Rufus 3.19.1911 (Portable)		_		$\times$
Duine Duenesties				
Drive Properties —				
Device				
UBUNTU 20_0 (D:) [7.8GB]				$\sim$
Boot selection	_	$\sim$		
ubuntu-20.04.4-desktop-amd64.iso	$\sim$	$\oslash$	SELECT	
Persistent partition size		0.01		
		0 (No p	persistence	)
Partition scheme	Target system			
MBR	BIOS or UEF	-		~
✓ Show advanced drive properties				
Format Options				
Volume label				
Ubuntu 20.04.4 LTS amd64				
File system	Cluster size			
FAT32 (Default)	4096 bytes	(Default)		
▲ Hide advanced format options				
✓ Quick format				
$\checkmark$ Create extended label and icon files				
Check device for bad blocks	1 pass			$\sim$
Status				
Copying ISO f	iles: 27.8%			
() ÷ 🗐	STADT		CANCE	1
	START		CANCE	L
D:\casper\filesystem.squashfs (2.1 GB)			0	0:01:12

## 8. Instalación Completa

 Una vez instalado el ISO deberá de aparecer una señalización de READY en color verde en el programa RUFUS indicando que el proceso se ha realizado de manera exitosa.

Status		
	READY	
\$ 0 ≇ ■	START	CLOSE