

Con il supporto di:



La Pervasività di GNU/Linux



Yes, but where is it? Windows users be like







Sul Desktop





Source: https://gs.statcounter.com/os-market-share/desktop/worldwide/#yearly-2009-2021

NGESEUdene





WEEEOJEN



NGFZFNGUF

Source: https://exploitee.rs



Epson Artisan 700/800

Epson Artisan 700/800



Google Chromecast

- Google Chromecast
- Chromecast forum IP



Amazon Fire TV Stick

Amazon Fire TV Stick



Western Digital MyCloud

Western Digital MyCloud



LG Smart Refrigerator (LFX31995ST)

LG Smart Refrigerator (LFX31995ST)



Vizio Smart TV (VF553XVT)

Vizio Smart TV (VF553XVT)



Ring Doorbell

Ring Doorbell



Linksys WRT1200AC

Linksys WRT1200AC

Source: https://exploitee.rs





	Vodafone Powe	er Station			1 Utente/i collegato/i	Modalità utente	esperto
3	Panoramica	Telefono	Internet	Wi-Fi	Messaggi Condivisione	Impostazioni	Stato e support

Informazioni generali	Informazioni sul software Open Source				
Diagnostica	Questo prodotto contiene software Open Source. Le informazioni necessarie sulla licenza sono elencate in questa pagina.				
Log eventi					
Riavvio	Moduli Open Source utilizzati in questo prodotto				
	Versione firmware:	XS_3.7.04.17			
Info	Nome del prodotto:	Vodafone Power Station			

Nome del Software	Nome del Modulo	Versione del Modulo	Licenza con versione	Informazioni sul Copyright
CRON	base	4.1	Free	Copyright (C) 2004 by Internet Systems Consortium, Inc. Copyright (C) 1997, 2000 by Internet Software Consortium, Inc All rights reserved.
SPI	base	1.0.00	GPLv2	Copyright - SerComm Corporation. All Rights Reserved.
NULLDEV	base	1.0.00	GPLv2	Copyright - SerComm Corporation. All Rights Reserved.
OPENSSH	base	8.0pl	BSD-2-Clause	Copyright (C) 1988-2002 Sun Microsystems, Inc. All rights reserved.
IPTABLES	base	1.4.12	GPLv2	Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA







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Source: https://www.reddit.com/r/raspberry pi/comments/lp8rnr/pi found in the wild at costco/





Worldwide Server Operating Environment Shipments/Subscriptions and Nonpaid Deployment Share by Operating Environment, 2018





Source: https://www.redhat.com/en/blog/red-hat-leading-enterprise-linux-server-market





Forbidden

You don't have permission to access this resource.

Apache/2.4.38 (Debian) Server at weee.link Port 80

Not Found

The requested URL was not found on this server.

Apache/2.4.29 (Ubuntu) Server at softeng.polito.it Port 80

502 Bad Gateway

nginx/1.18.0 (Ubuntu)

403 Forbidden

nginx/1.10.0 (Ubuntu)







Forbidden

You don't have permission to access this resource.

Apache/2.4.38 (Debian) Server at weee.link Port 80

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502 Bad Gateway

nginx/1.18.0 (Ubuntu)

403 Forbidden

nginx/1.10.0 (Ubuntu)





Sul Cloud



Digital Ocean



Amazon Web Services

Source: https://linuxhint.com/digitalocean-vs-aws/





Wait...







Su Smartphone



Source: https://source.android.com/devices/architecture/





Su Smartphone



Source: https://www.statista.com/statistics/272698/global-market-share-held-by-mobile-operating-systems-since-2009/

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Su Smartphone

iOS

Android

a-Shell

Termux

https://apps.apple.com/us/app/ashell/id1473805438



III TIM 🗢	12:21	1 🖗 85% 💻
<pre>\$ whoami mobile \$ pwd ^/Documents \$ ls / Applications Developer Library System bin cores dev \$ echo "hello s hello shell! \$ _</pre>	etc private sbin tmp usr var hell!"	-7 ₩ 85%
→ <\ \\>	↑	$\downarrow \leftarrow \rightarrow$
q w e	r t y u	i o p
a s d	fghj	k I
☆ Z X	c v b n	m 🗵
123 ()	spazio	invio

https://play.google.com/store/apps/detai ls?id=com.termux&hl=en





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Con il supporto di:



Mani in pasta con Oracle VirtualBox



What

	Oracle VM VirtualBox Manager	
Tools	New Settings Discard Start	
64 Win10	🤜 General	Preview
Dowered Off	Name: Xubuntu Operating System: Ubuntu (64-bit)	
Subuntu	I System	
Powered Off	Base Memory: 4096 MB	Xubuntu
477 *tips fedora* M'linux	Boot Order: Floppy, Optical, Hard Disk	
Powered Off	Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization	
64 Mojave		
Saved	Display	
	Graphics Controller: VMSVGA	
⁶⁴ FreeASD	Remote Desktop Server: Disabled	
	Recording: Disabled	
btw I use Arch		
Powered Off	IDE Secondary Device 0: [Optical Drive] Empty	
64 tarallo	Controller: SATA SATA Port 0: Xubuntu vdi (Normal, 20,00 GB)	
U Powered Off		
	Host Driver: CoreAudio	
Wered Off	Controller: ICH AC97	
	- Notwork	





Installazione: step 1/13

Andare su https://www.virtualbox.org/wiki/Downloads



Installazione: step 2/13

Scaricare la versione per il proprio sistema operativo







Installazione: step 3/13

Eseguire l'installer appena scaricato







Installazione: step 4/13

Permettere l'installazione dei driver







Installazione: step 4.1/13

Su macOS: Preferenze di Sistema > Sicurezza e Privacy > dare il permesso di esecuzione all'estensione di sistema di Oracle

• • • < > IIII Security & Privacy	• • • < > IIII Security & Privacy Q Search
General FileVault Firewall Privacy	General FileVault Firewall Privacy
A login password has been set for this user Change Password	A login password has been set for this user Change Password
Require password 5 minutes after sleep or screen saver begins	✓ Require password 5 minutes ≎ after sleep or screen saver begins
 Show a message when the screen is locked Set Lock Message ✓ Disable automatic login 	System Preferences is trying to unlock Security & Privacy preferences. Enter your password to allow this. User Name: macOS Big Sur
Allow apps downloaded from: App Store App Store and identified developers	Allow Cancel Unlock
Some system software requires your attention before it can be used.	Some system software requires your attention before it can be used.
Click the lock to make changes.	Advanced ?

Source: https://wikikeep.com/how-to-install-virtualbox-on-macos-big-sur-11/



Installazione: step 4.2/13

Su macOS: Preferenze di Sistema > Sicurezza e Privacy > riavviare il computer per caricare l'estensione di sistema

🔴 🔵 🧉 < 💫 🏭 Security & Privacy	Q Search
General FileVault Firewall Privacy	
A login password has been set for this user Change Password	
Require password immediately 📀 after sleep or screen s	saver begins
Show a message when the screen is locked Set Lock Me	ssage
Allow apps downloaded from:	
App Store	
App Store and identified developers	
New system extensions require a restart before they can be used.	Restart
Click the lock to make changes.	Advanced ?



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Installazione: step 5/13

Lanciare il programma



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Installazione: step 6/13

Scaricare l'ISO di Xubuntu da <u>http://ftp.uni-kl.de/pub/linux/ubuntu-dvd/xubuntu/releases/20.04/release/</u>

C	🐸 Xubuntu 20.04.3	LTS (Focal Foss × +				– a	ı x
ubuntu® releases Xubuntu 20.04.3 LTS (Focal Fossa) Desktop image The desktop image allows you to try Xubuntu 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 192/MB of RAM to install if form this image.	$\leftarrow \rightarrow \mathbf{G}$	🗘 掐 ftp. uni-kl.de /pub/linux/ubuntu-dvd/xubuntu/releases/20.	04/release/	☆	⊚ ₹	<u></u>	▣ ≡
Desktop image The desktop image allows you to try Xubuntu 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 192MiB of RAM to install from this image.		ubuntu [®] releases					
The desktop image allows you to try Xubuntu 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 192MiB of RAM to install from this image.		Xubuntu 20.04.3 LTS (Fo) Cal Fossa) 64-bit PC (AMD64) desktop image				
		The desktop image allows you to try Xubuntu 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 192MiB of RAM to install from this image.	Choose this if you have a computer base EM64T architecture (e.g., Athlon64, Opte 2). Choose this if you are at all unsure.	d on the AMD64 o eron, EM64T Xeon	r I, Core		
		A full list of available files, including BitTorrent files, can be found be	elow.				

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Installazione: step 7/13

Cliccare su New > compilare i campi > Next



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Installazione: step 8/13

Impostare quantità di RAM per la macchina virtuale > crea hard disk virtuale



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Installazione: step 9/13

Formato VDI > dinamicamente allocato > 10 GB > crea

? ×	? ×	? ×
 Create Virtual Hard Disk 	 Create Virtual Hard Disk 	 Create Virtual Hard Disk
Hard disk file type	Storage on physical hard disk	File location and size
Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.	Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).	Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.
VDI (VirtualBox Disk Image) VHD (Virtual Hard Disk)	A dynamically allocated hard disk file will only use space on your physical hard disk as it fills up (up to a maximum fixed size), although it will not shrink again automatically when space on it is freed.	C:\Users\enric\VirtualBox VMs\Xubuntu\Xubuntu.vd
VMDK (Virtual Machine Disk)	A fixed size hard disk file may take longer to create on some systems but is often faster to use.	Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.
	Dynamically allocated	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	U Fixed size	4.00 MB 2.00 TB
Expert Mode Next Cancel	Next Cancel	Create Cancel

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Installazione: step 10/13

Impostazioni > storage > cliccare sull'icona del DVD > scegli un file disco







Installazione: step 11/13

Selezionare l'ISO di Xubuntu appena scaricata > apri > OK nella finestra Impostazioni



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Installazione: step 12/13

Avviare la macchina virtuale > Try Xubuntu





Installazione: step 13/13

Enjoy!





