

# Linux 401 - OS on pc

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## Preliminary necessities:

Repository of my info: ModPC > Linux

Backup all data on your PC. It is going away. Email, addresses, data associated with software, browser, desktop

Write data to a separate hard drive. Two, best if can keep a legacy machine, until all is up and running.

Or, three, make a disk with two operating systems.

Record account ID of software that may be transferable: Nordvpn, Avast

Check that your software is available on Linux/Ubuntu. Is there an open-source alternative?

After much comparison of distros, it is down to KDE Kubuntu or Ubuntu ,which allow non-FOSS apps.

Use LTS (Long Term Support) distro, meaning 5 years before need to replace.

Kubuntu is awesome, structured, easy to learn, and more personal. All normal apps are included free.

**Ubuntu instructions:** <https://ubuntu.com/download/desktop>

Overview <https://ubuntu.com/tutorials/install-ubuntu-desktop#1-overview>

Download image of highly preferred KDE Plasma flavor Kubuntu: <https://kubuntu.org/getkubuntu/>

Create a Bootable USB stick. Use BalenaEtcher or Raspberry Pi imager: <https://etcher.balena.io/>

**Boot from USB flash drive.** On restart, press F2 for Bios >menu >USB Config >Enable USB Boot.

To continue, use F12 to force which drive. Connect Ethernet. Restart if necessary. Kubuntu will install.

**Installation Setup:** Select defaults. interactive, default, install recommended.

**Type of installation:** new or side-by-side, none encryption

**Create Your Login Details:** name, username, pass

**Choose your Location:** Chicago for CST.

**Ready to install:** review - install

**Complete the Installation.** Remove USB drive. Restart the computer.

**Update!** Get any recent changes.

**You've installed Kubuntu OS!** Enjoy

**Drive around** desktop to get familiar. It is similar but different. Browse System setting, Files, and Apps.

App icon >Konsole brings up Terminal, a very basic control of the Linux/Kubuntu OS.

Instead of typing, where possible highlight the command. Press Ctrl-C to copy. Put mouse over where you need to type.

But instead right click to insert. Voila, no typos.

**Install apps.** They come from the OS repository, like a free app store. Much better security. Much easier.

From Discover Bag, add 'Thunderbird' mail.

From <https://addons.thunderbird.net/> add ReFwdFormatter extension to control reply/forward indent.

From Discover, add 'Brave', a more secure browser with DuckDuckGo search engine.

From Discover, add 'Disks' formatting tool for thumb drive. Format as Fat32, for both Linux & Windows.

Initiate Firewall: >System settings >Network >Firewall. Accept all.

Initiate KUP to "Second Copy" backup files. >System Settings >Personalization >Backups >Sync >Interval >2hr

Download IP scanner AngryIP .deb from web. Right click open with Discover.

Install 'HardInfo' to ID every device: >Terminal >sudo apt install hardinfo >hardinfo or sudo hardinfo.

Install TrueType font for Kubuntu 24. <https://itsfoss.com/install-microsoft-fonts-ubuntu/>. >Apps >Terminal.

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sudo apt update, sudo apt install ttf-mscorefonts-installer, fc-cache -f -v
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Restart for transfer to apps.

From Discover, add 'OnlyOffice', a suite with Office Open XML, which is same format as MS.

From Discover, add emulator 'Wine' if you need to run MS Windows simple apps, like EzNEC7.0.

**Nord.** Log into [www.my.nordaccount.com](http://www.my.nordaccount.com) >Downloads >Linux >Save .deb.

Right click to install. (Discover bag >GDebi installer >Launch.) Finish.

Remote desktop access with VNC or Connections app.

Other top apps: <https://ubuntu.com/blog/top-10-apps-for-a-fresh-linuxinstall-in-2021>

**Test Network.** This may require 'Sharing' setup on Windows and here.

Printers: System icon >Hardware Printers >print test page

Devices: File Folder >Network >Shared Folders. If do not see, turn off Firewall, or grant permission.

**Evaluate** if you need added security: Avast, Malwarebytes qrz

**Why** was I so slow to transition. Better security, cheaper, smaller, faster, easier to use. Kubuntu wins!

Life is good. Enjoy!

