

Bits & Pieces

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Privacy & Mobile Phones

OS

GrapheneOS: <https://grapheneos.org/>

Apps

- Organic Maps: <https://organicmaps.app/>
- AntennaPod: <https://antennapod.org/>
- NewPipe: <https://newpipe.net/>
- Forecastie: <https://github.com/martykan/forecastie>
- RadioUpnp: <https://github.com/watea/RadioUpnp>
- SatStat: <https://gitlab.com/mvglasow/satstat/>

Error updating Home Assistant Core 'HomeAssistantCore.update' blocked from execution, system is not healthy - privileged

SSH into system

Reset the settings: " ha jobs reset " and " ha supervisor restart. " in the terminal.

Try updating again as per normal.

Else ssh in and do apt-get upade & upgrade, followed by a reboot.

Cracking Excel passwords

<https://exceloffthegrid.com/removing-cracking-excel-passwords-with-vba/>

How to Move a Lost, Off-Screen Window Back to Your Desktop

Shift+right-click the taskbar button of the application in question and choose the “Move” command from the context menu and then use your arrow keys to bring it back on screen.

Useful software & Services (free commercial and OpenSource)

Network Tools

- [Advanced IP Scanner](#): Free Advanced IP Scanner is trusted by 60 million users.
- [Angry IP Scanner](#): Angry IP Scanner (or simply ipscan) is an open-source and cross-platform network scanner designed to be fast and simple to use.

Tools & Utilities

- [Diagrams](#): Security-first diagramming for teams.
- [Etcher](#): Flash OS images to SD cards & USB drives, safely and easily.
- [Flameshot](#): Powerful, yet simple to use open-source screenshot software.
- [GNOME Commander](#): GNOME Commander is a "two-pane" graphical file manager for the Linux desktop using GNOME libraries. It aims to fulfill the demands of more advanced users who like to focus on file management, their work through special applications and running smart commands.
- [Kazam](#): Kazam is a simple screen recording program that will capture the content of your screen and record a video file that can be played by any video player that supports VP8/WebM video format.
- [KeepPass](#): Free, open source, light-weight and easy-to-use password manager.
- [Notepadqq](#): A text editor for developers.
- [OBS](#): Free and open source software for video recording and live streaming.
- [OneDrive for linux](#): OneDrive client for linux.
- [Octo4a](#): Run OctoPrint on Android (if it crashes on install, visit [here](#))
- [Publii](#): The most intuitive CMS for static websites sites.
- [Bulk Rename Utility](#): The Free File Renaming Utility for Windows (rename multiple files with the click of a button).
- [TeamViewer](#): The new standard for remote control and remote support.

- [uGET](#): Open Source Download Manager Compatible with Linux, Android, BSD & Windows
- [Veyon](#): Free and open source software for monitoring and controlling computers across multiple platforms.

Programming

- [Arduinio IDE](#): The open-source Arduino Software (IDE) makes it easy to write code and upload it to the board. It runs on Windows, Mac OS X, and Linux.
- [PyCharm](#): The Python IDE for Professional Developers

CAD, Graphics & Modeling

- [Blender](#): Blender is the free and open source 3D creation suite. It supports the entirety of the 3D pipeline—modeling, rigging, animation, simulation, rendering, compositing and motion tracking, even video editing and game creation.
- [Darktable](#): Darktable is an open source photography workflow application and raw developer. A virtual lighttable and darkroom for photographers. It manages your digital negatives in a database, lets you view them through a zoomable lighttable and enables you to develop raw images and enhance them.
- [FreeCAD](#): Your Own 3D Parametric Modeler
- [Gimp](#): The Free & Open Source Image Editor which is crossplatform.
- [Inkscape](#): Inkscape is an open-source vector graphics editor similar to Adobe Illustrator, Corel Draw, Freehand, or Xara X. What sets Inkscape apart is its use of Scalable Vector Graphics (SVG), an open XML-based W3C standard, as the native format.
- [Krita](#): Krita is a professional FREE and open source painting program. It is made by artists that want to see affordable art tools for everyone.
- [LibreCAD](#): LibreCAD is a free Open Source CAD application for Windows, Apple and Linux.
- [Pencil2D Animation](#): An easy, intuitive tool to make 2D hand-drawn animations.
- [Fotosketcher](#): Convert your digital photos into art automatically and in just a few mouse clicks.
- [SweetHome 3D](#): Sweet Home 3D is a free interior design application that helps you draw the plan of your house, arrange furniture on it and visit the results in 3D.
- [Upscayl](#): AI based Image Upscaler for Linux, MacOS and Windows.

Video Editing

- [kdenlive](#): Kdenlive is an acronym for KDE Non-Linear Video Editor. It is primarily aimed at the GNU/Linux platform but also works on BSD and MacOS. It is currently being ported to Windows as a GSOC project.
- [Shotcut](#): Shotcut is a free, open source, cross-platform video editor.

- [Da Vinci Resolve](#): Revolutionary tools for editing, visual effects, motion graphics, color correction and audio post production, all in a single application!
- [OpenShot Video Editor](#): OpenShot Video Editor is an easy to use, quick to learn, and surprisingly powerful video editor.
- [yEd](#): The diagramming SDK for developers.

Audio

- [Ardour](#): Record, Edit, and Mixon Linux, macOS and Windows.

Other

- [Fritzing](#): Fritzing is an open source initiative to develop amateur or hobby CAD software for the design of electronics hardware, to support designers and artists ready to move from experimenting with a prototype to building a more permanent circuit.
- [Jaxx](#): Your Multi-platform, Multi-Currency Digital Asset Wallet.
- [LibreOffice](#): LibreOffice is a free and open-source office suite, a project of The Document Foundation. It was forked from OpenOffice.org in 2010, which was an open-sourced version of the earlier StarOffice.
- [motionEye](#): motionEye is a web-based frontend for [motion](#). Check out the [wiki](#) for more details.
- [MuseScore 2](#): Professional music notation software
- [Slic3r](#): Slic3r is the tool you need to convert a 3D model into printing instructions for your 3D printer. It cuts the model into horizontal slices (layers), generates toolpaths to fill them and calculates the amount of material to be extruded.
- [Xiphos Bible](#): Xiphos is a Bible study tool written for Linux, UNIX, and Windows using GTK, offering a rich and featureful environment for reading, study, and research using modules from The SWORD Project and elsewhere. It is open-source software, and available free-of-charge to all.

Services

- [EasyEDA](#): An Easier and Powerful Online PCB Design Tool.

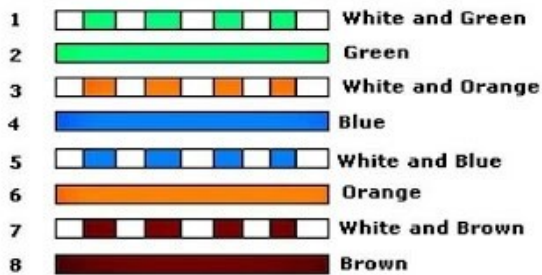
Free Assets

- [Icons](#)
- [Pixybay](#): Images & Video
- [Unsplash](#): Beautiful, free images and photos

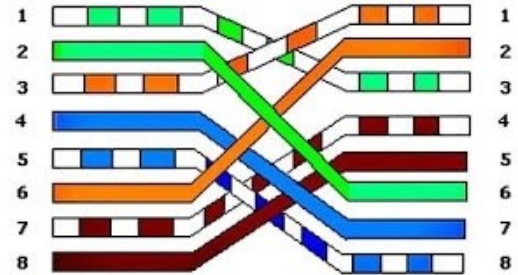
How to wire a CAT6 Ethernet cable

RJ45 termination: For straight cable, use 568A or 568B
For Crossover cable, use 568A at one end, 568B at the other end

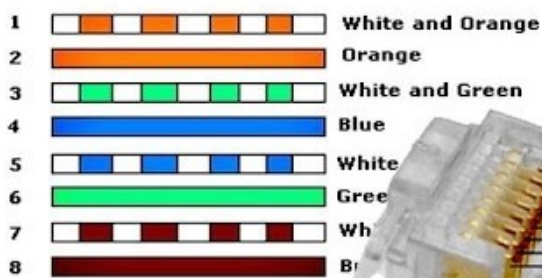
TIA/EIA 568A Wiring



TIA/EIA 568A Crossed Wiring



TIA/EIA 568B Wiring



TIA/EIA 568B Crossed Wiring

