



Alan German & Chris Taylor
Ottawa PC Users' Group

September 16, 2026



YouTubeTech

Keeping an Older PC Running: 5 Top Tips



Keeping an Older PC Running: 5 Top Tips



ExplainingComputers ✓
1.19M subscribers

Join

Subscribe



5.2K

https://www.youtube.com/watch?v=r0k_2v23DQg

Five tips:

- New CMOS battery
- Dust removal
- Fan replacement
- Replace thermal paste
- Drive cleanup and/or OS refresh
- (Sleeping dogs)



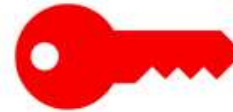


Passkeys revisited

Share

Passkeys

- Log on to a web server without using a password
- Uses asymmetric encryption
- Need to set up a **Public Key** and **Private Key** pair



- Authentication:
 - Enter userid to access the server
 - Server issues a challenge using your public key
 - Your computer responds using private key
 - Server authenticates response using public key
 - Logon is automatic

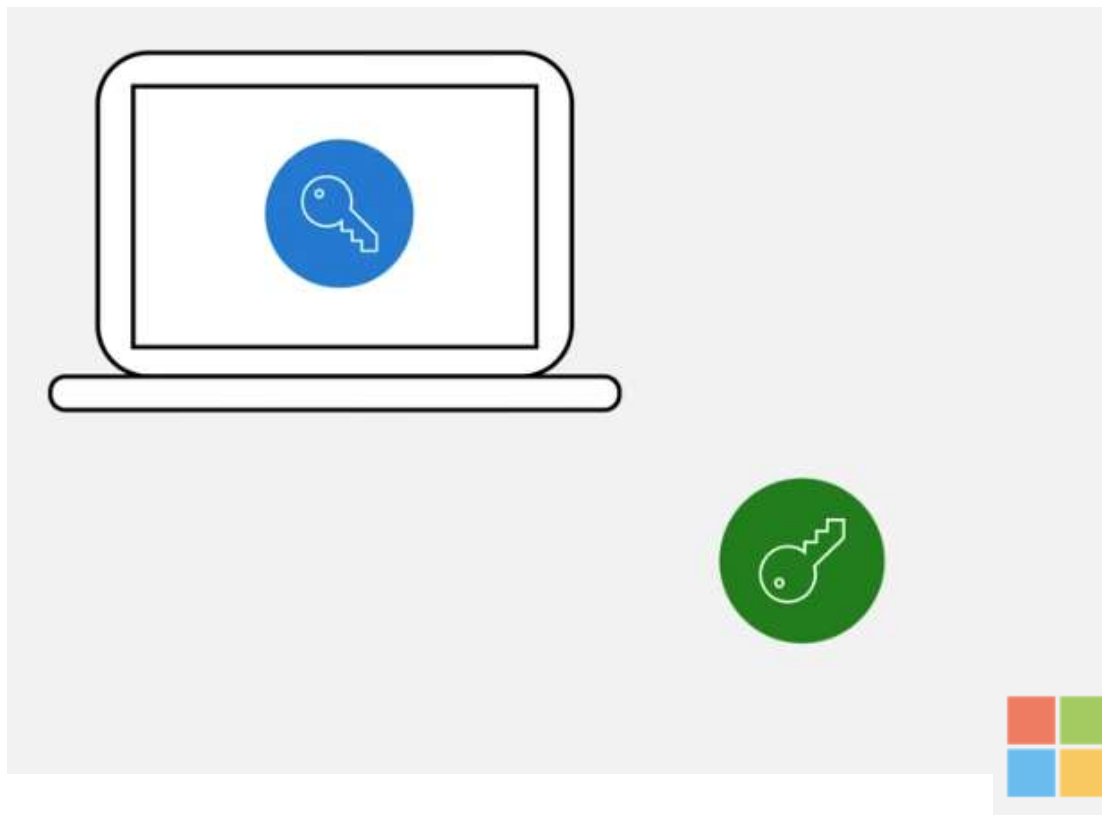
https://opcug.ca/qa_recordings/20250205_PowerPoint.pdf



YouTubeTech

What are passkeys?

Explained in under 4 minutes



What are passkeys? Explained in under 4 minutes



Microsoft Security
63.4K subscribers

Subscribe



1.9K

<https://www.youtube.com/watch?v=bdp8RdjV6PU>



YouTubeTech

Say Goodbye to Passwords: Passkeys Explained Simply



Say Goodbye to Passwords: Passkeys Explained Simply



Ask Leo! ✓

296K subscribers

Subscribe

👍 41K



➦ Share

https://www.youtube.com/watch?v=QYdHm7zoF_M



YouTubeTech

What's the Best Two-Factor Authentication Method?



What's the Best Two-Factor Authentication Method?



Ask Leo! ✓

296K subscribers

Subscribe

👍 186



<https://www.youtube.com/watch?v=ELM4WofSKPA>

Three important points...

- (1) Passkeys, when supported, are created by the website you are accessing (e.g. PayPal, Microsoft, Google...)

So, for example, if your bank doesn't offer passkey service, you can't use passkeys with the bank

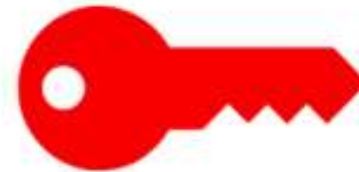


Three important points...

- (2) The web server keeps the public key (from the pair)



The private key is (only) stored on your device



Three important points...

- (3) When you want to login to a website using passkeys, you must unlock (PIN, password...) the device on which the private key is securely stored



Current stats

- 90% of consumers are familiar with passkeys
- 75% have enabled one on at least one account
- 48% of the world's top 100 websites now support passkeys
- Only 49% of registered users use passkeys regularly
- Some major sites supporting passkeys:
 - Google, Apple, Microsoft
 - Amazon, Best Buy, Costco
 - WhatsApp, GitHub
 - PayPal, Uber
 - [None of the big-five Canadian banks!]

Follow Up September 9th AI presentation

- Lots of questions & comments in Chat window on Zoom
Thanks to all who attended & participated!
- Tom Trottier: Are the AI's going to kill humanity off?
 - researchers at Anthropic think there is a greater than 10% chance
 - <https://www.bbc.com/news/articles/ckgwy1k42w4o>
- Lynda Buske: disagree with my edited photo at Remic Rapids... added an entire inukshuk that didn't exist
 - AI can change things you didn't necessarily want changed
 - I should emphasise that more
- Dianne Laporte: Had photo with rifles and deer they had shot. Gemini wouldn't edit photo, saying it was "Outside its acceptable parameters"
 - guardrails in some AIs can stop you cold—probably a good thing

Follow Up



- Kabahenda Kiggundu: It seems that ithy is not free
 - ithy is free
 - Natalie posted a link
 - <https://ithy.com/article/ithy-ai-free-usage-details-951yotvq>
- Steve Parker: how do you get AppControl integrated into Claude.ai
 - links on the slide to Q&A presentation detailing how to use AppControl with Claude
 - https://opcug.ca/qa_recordings/20260325_PowerPoint.pdf
 - https://opcug.ca/qa_recordings/20260527_PowerPoint.pdf
- Denis Therrien: tag this song to the OPCUG homepage!
 - what do people think?

Follow Up



- Tom Trottier: Chrome has a YouTube summarize extension
 - <https://chromewebstore.google.com/detail/youtube-summary-with-chat/nmmicjeknamkfloonkhhcjmomieiodli>
- David Odynski: are students going to do their own work or have AI do it & then they have no knowledge when they graduate
 - many educators are struggling with this point
 - one comment during AI presentation: some exams are now in-person, answers written long-hand, no computing devices allowed in room

Follow Up



- Tristan: Like any tool AI can be used for good or bad. The big unknown however, is that AI is the first tool that can make its own choices. We'll see how that goes, though some alarm bells are starting to sound for some caution.
 - <https://www.cbc.ca/news/business/anthropic-researcher-resigned-9.7337789>
 - <https://www.gatesnotes.com/a-turbulent-ai-era-and-critical-choices-to-make>
- Tom Trottier: Apple M series computers can run AI pretty well, with as much unified memory as possible
 - upcoming NVIDIA RTX Spark promises good local AI processing as well

Follow Up



- Stew Bruce: Young people are finding out that software programming is no longer a viable career path thanks to senior programmers using AI instead of hiring junior staff
 - certainly looking to be a challenge in virtually all industries
- Tristan: we have to teach AI the Three Laws of Robotics (https://en.wikipedia.org/wiki/Three_Laws_of_Robotics)
 - law 1—A robot may not injure a human being or, through inaction, allow a human being to come to harm
- Brett Martensen: does Generative AI understand what it is doing?
 - probably no...not yet 😊

Follow Up



- Tristan: The data center environmental issues are due to lack of government regulation. It is entirely possible to build green data centers, however that would eat some profits.
- Tom Trottier: prompt addition for avoiding sounding AI (long list)
 - slides 199-202 in downloadable PDF of presentation
- Carol: *“We live in the day and time of Google and AI. It's replaced the elder. Google can give you knowledge, but it can't provide wisdom. ... camaraderie, that friendship is everything.”* — excerpt from book, *Who needs friends—An Unscientific Examination of Male Friendship Across America* (2026), Andrew McCarthy

Follow Up



- Stew Bruce: AI is being used to detect AI
 - slides 203-208 in downloadable PDF of presentation talks about how effective Pangram is at this
- Tom Trottier: There are various ways to detect AI. Images, video can be invisibly watermarked. Some AIs write predictable words and constructs.
 - was afraid this is a mug's game, but Pangram seems surprisingly effective at detecting AI generated text and graphics (slides 203-208 in downloadable PDF of presentation)

Follow Up



- Dianne Laporte: Is it possible to see slide numbers on screen? Would help me go back to specific pages of particular interest.
 - good idea, thanks
- Lorraine Boulay: One AI search and two people to review its accuracy. No shortage of employment.
 - accuracy review is a requirement with the current state of AI
- Thanks again to all 95 who attended and all who contributed to the discussion



ADS-B Exchange

- Some time ago I shared the website for ADS-B Exchange, the airplane tracking service
- Well, now there is an app for that!
<https://www.adsbexchange.com/maps/tailvision/>
- At the moment it is IOS only (sorry Droids) but the Play Store release is on the way
- The free version, without an account, turns your mobile into a radar screen that covers 30 nautical miles from your location with minimal ad. presence.



Stewart Bruce

- Creating a free account gives 150 nautical miles
- The coolest feature is using the phone's camera to ID a plane overhead
- Also, if you know a flight's registration number, you can track it and set a notification for when it will be within a selected range
- Types of aircraft can be selected if you have a thing for helicopters or whatever
- The radar screen can be data only or, street map and satellite map are also available
- All in all, a nifty tool for our pocket computers



16:37

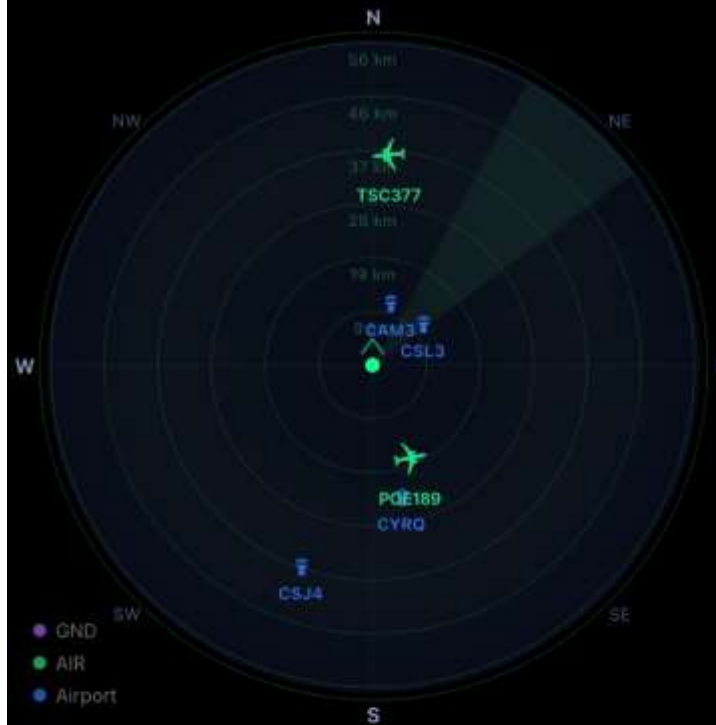
69



Jackpot City Casino

CLAIM NOW

2 in 56km · increase range



Nearby (15 km · change)

proximity
nm

dist
km

spd
kph

alt
m

No aircraft within 15 km



Airports

Activity

Type

Maps

List

Radar

Camera

Tracked

Recent

Share

Buy Beaver

- With buying local being currently in fashion, a Quebec couple created an app which has recently seen its popularity soar.
- *Buy Beaver* is one of those shopping apps that allow you to scan a product's code and learn stuff about it.
- "What stuff?" Well, you are told whatever other people know about the product in a Wikipedia sort of fashion.
- This has lead to a number of critical reviews about incorrect data
- But, it is a relatively new app and perhaps it will get some quality control in the future

- I'm going to wait for more positive reviews before trying the app
- But if anyone wants give it a shot, it is available for both Android and IOS

https://play.google.com/store/apps/details?id=ca.isitfromcanada.app&hl=en_CA

<https://apps.apple.com/ca/app/buy-beaver-origin-scanner/id6741692720>

- Happy shopping Beavers!





Loonie Links

Unplug America

Canadian alternatives to American services

AI and language models	Print on demand
Chat and Meet	Rideshare
Cloud storage	Search
Document and work suite	Social media management
Domains/hosting	Social networks
E-commerce	Tax and finance
Email	Travel
Food delivery	VPN
Job sites	Video hosting
Maps	Weather
Media (audio music and video)	
Password managers	

Each service lists:

- description
- what it replaces
- ownership (country)
- website
- details

What if...say

- data stored in Canada
- company American owned
- web site explains things

<https://engageq.notion.site/unplug>

video explanation:

<https://www.instagram.com/reel/DcxCKYQFKwI/>

Share

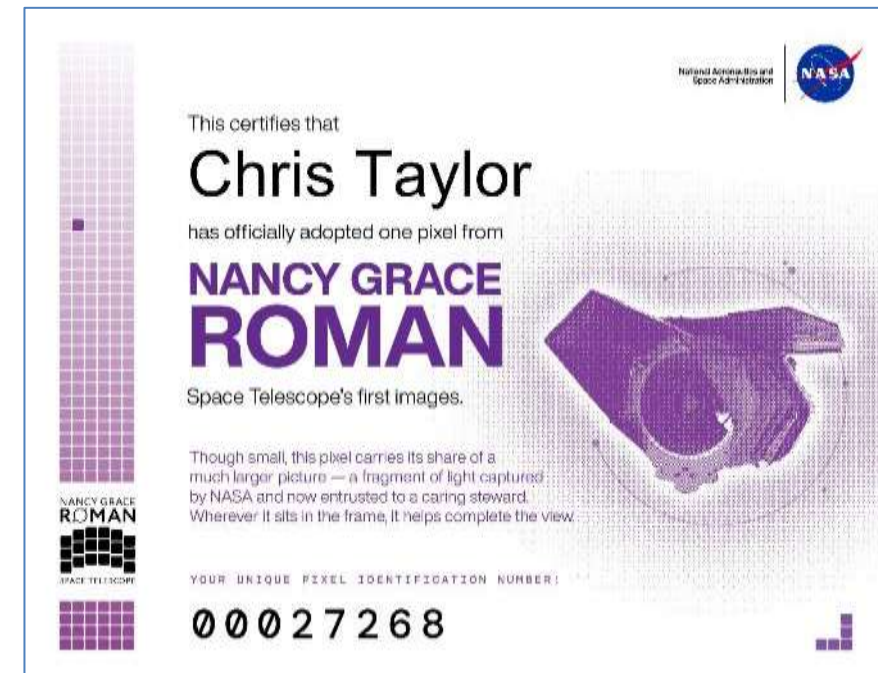
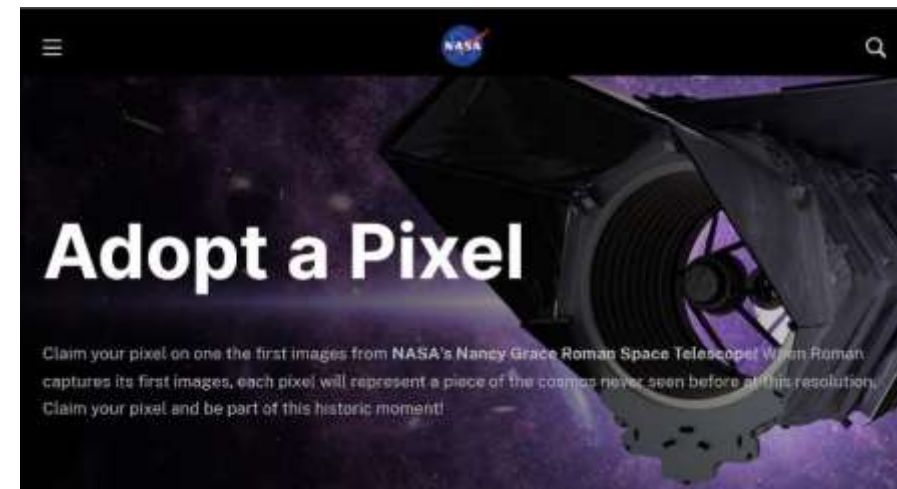
Adopt a pixel

- *Claim your pixel on one the first images from NASA's Nancy Grace Roman Space Telescope!*
- *When Roman captures its first images, each pixel will represent a piece of the cosmos never seen before at this resolution.*
- *Claim your pixel and be part of this historic moment!*

Nancy Grace Space Telescope camera

- 300 megapixels
- angular resolution 0.11 arcseconds per pixel

<https://go.nasa.gov/adoptapixel>





Microsoft Defender or Bitdefender

- A friend installed Bitdefender
- An Excel macro stopped working
- The macro called cmd.exe to run a batch file that, in turn, ran a Python script
- Bitdefender blocked access indicating that this behaviour could be related to malware
- Microsoft Defender had no issues allowing cmd.exe and the Python script to run
- Does Bitdefender offer any more security or should it be disabled to let the macro run?



Perplexity AI says...

- Both products are now top-tier on core malware detection
- The real difference in 2026 is price and feature breadth rather than raw protection
- For most careful users, Microsoft Defender is genuinely enough
- Bitdefender earns its subscription by bundling extra security layers and cross-device coverage.

Bitdefender



Microsoft Defender

AV-TEST's 2026 Windows Home User evaluations

- Both Bitdefender Total Security and Microsoft Defender scored a perfect 6/6/6 for protection, performance, and usability
- Both earned "*Top Product*" status

AV-Comparatives' March 2026 Malware Protection

- The test, using 10,030 samples, put them within a fraction of a percent:
 - Bitdefender 99.94%
 - Microsoft Defender 99.93%
- Defender logged slightly fewer false positives

	Microsoft Defender	Bitdefender (paid suite)
Price	Free, built into Windows	Subscription (~\$19.99–\$29.99 first year)
Ransomware tools	Controlled Folder Access (manual)	Automatic ransomware rollback
Web filtering	SmartScreen (Edge only)	Cross-browser anti-phishing
Password manager	No	Yes
VPN	No	Yes (limited daily allowance)
Parental controls	Basic	Advanced
Webcam/mic protection	No	Yes
Other devices	Windows only	Windows, macOS, Android, iOS

Which to Choose

- **Stick with Microsoft Defender** if you have one Windows PC, keep Windows and your browser updated, avoid sketchy downloads, and back up your files. It's a strong, free baseline — confirmed by top lab scores.
- **Pay for Bitdefender** if you want everything in one app, protect phones and Macs as well as a PC, want stronger built-in web filtering and automatic ransomware rollback, or prefer not to assemble protection from separate free pieces.



Online purchases

- I have never purchased an MP3 file, and I feel like I'm purchasing air, I don't have anything tangible.
- So, if I purchase movies or books or music online, do I have to make a folder store them everywhere I want to play/read them?
- Does the information need to be transferred to every new device?
- Are MP3 files compatible with all devices?
- Is it better to download purchase on the computer and then move them to other devices?
- If you purchase from Amazon or other vendors am I really owning the product?



Linux: 35 years in 35 facts in 35 minutes

YouTubeTech

From: torvalds@klaava.Helsinki.FI (Linus Benedict Torvalds)
Newsgroups: comp.os.minix
Subject: What would you like to see most in minix?
Summary: small poll for my new operating system
Message-ID:
Date: 25 Aug 91 20:57:08 GMT
Organization: University of Helsinki

Hello everybody out there using minix -

I'm doing a (free) operating system (just a hobby, won't be big and professional like gnu) for 386(486) AT clones. This has been brewing since april, and is starting to get ready. I'd like any feedback on things people like/dislike in minix, as my OS resembles it somewhat (same physical layout of the file-system (due to practical reasons) among other things).

I've currently ported bash(1.08) and gcc(1.40), and things seem to work

```
I = NR_TASKS;  
p = ktask[NR_TASKS];  
while (--i) {  
    if (!*p) {  
        c = (*p)-->counter; next = 1;  
    }  
    if (c) break;  
    for(p = ktask[NR_TASKS]; p > ktask[NR_TASKS]; --p)  
        if (*p)
```

10,239 lines of code

August 25, 1991

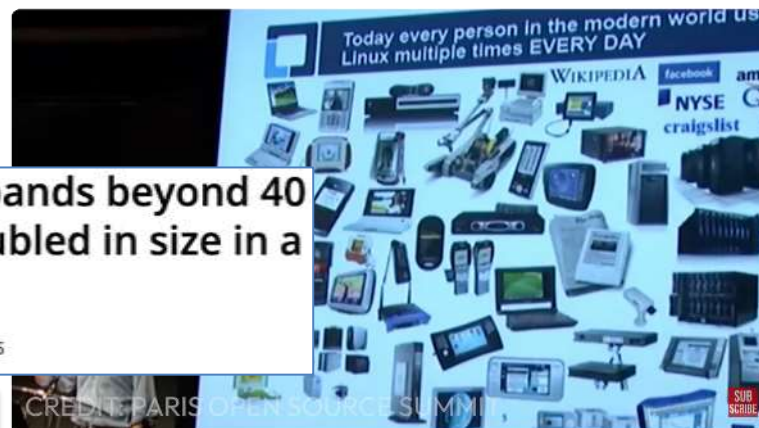


The 500 most powerful supercomputers use Linux

20/11/2024 Odd tech facts Linux

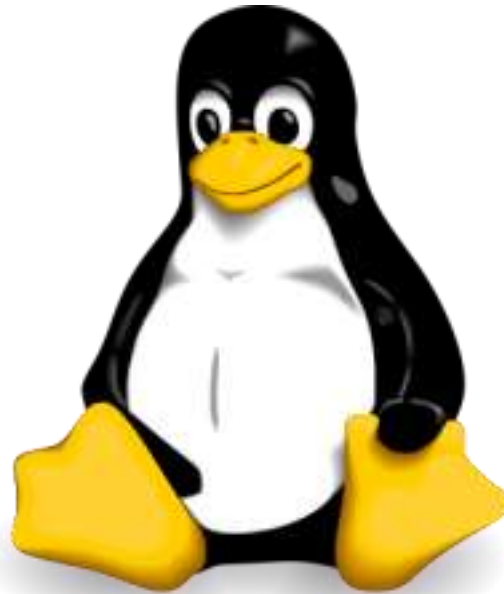
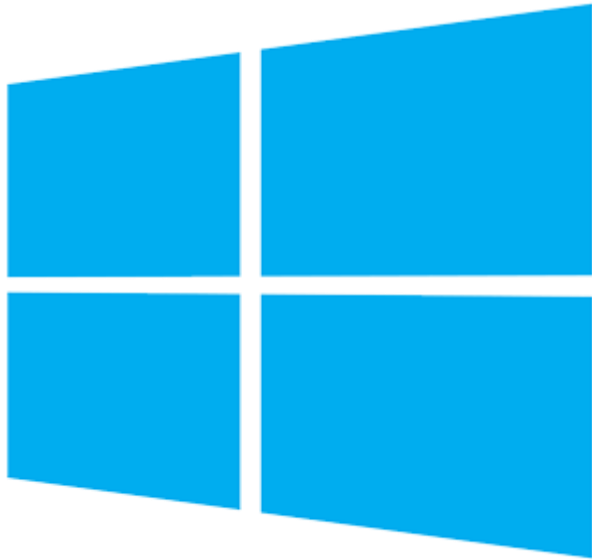
Linux kernel source expands beyond 40 million lines - it has doubled in size in a decade

News By Mark Tyson Published January 26, 2025



<https://www.youtube.com/watch?v=Ff12DFHoZdY>

What are your favourite apps?



Share

Scrcpy (Screen Copy)

scrcpy (v4.1)

pronounced "screen copy"

This application mirrors Android devices (video and audio) connected via USB or [TCP/IP](#) and allows control using the computer's keyboard and mouse. It does not require *root* access or an app installed on the device. It works on *Linux*, *Windows*, and *macOS*.



LINUX

DOWNLOAD

WINDOWS

DOWNLOAD



MACOS

DOWNLOAD

<https://github.com/genymobile/scrcpy>

Prerequisites

The Android device requires at least API 21 (Android 5.0).

[Audio forwarding](#) is supported for API ≥ 30 (Android 11+).

Make sure you [enabled USB debugging](#) on your device(s).

On some devices (especially Xiaomi), you might get the following error:

```
Injecting input events requires the caller (or the source of the instru
```

In that case, you need to enable [an additional option](#) `USB debugging (Security Settings)` (this is an item different from `USB debugging`) to control it using a keyboard and mouse. Rebooting the device is necessary once this option is set.

Note that USB debugging is not required to run `scrcpy` in [OTG mode](#).

Features

- [audio forwarding](#) (Android 11+)
- [recording](#)
- [virtual display](#)
- mirroring with [Android device screen off](#)
- [copy-paste](#) in both directions
- [configurable quality](#)
- [camera mirroring](#) (Android 12+)
- [mirroring as a webcam \(V4L2\)](#) (Linux-only)
- physical [keyboard](#) and [mouse](#) simulation (HID)
- [gamepad](#) support
- [OTG mode](#)
- and more...

On Windows

Install

From the official release

Download the [latest release](#):

- [scrcpy-win64-v4.1.zip](#) (64-bit)

SHA-256: 5b12172b3264b2889f4583ee64752ce832e29bc8b1089dca81093459697165db

- [scrcpy-win32-v4.1.zip](#) (32-bit)

SHA-256: fa57b36622a53b6aec74c5e5b5c08236165efa445c4f186d48f176ebf9c24eec

D:\original\scrcpy-win64-v4.1\scrcpy-win64-v4.1

File

Home

Share

View



Pin to Quick
access



Copy



Paste



Cut

Copy path



Paste shortcut

Clipboard



Move
to



Copy
to



Delete



Rename

Organize



New
folder



New item



Easy access

New



Properties



Open



Edit



History

Open



Select all



Select none



Invert selection

Select



« original » scrcpy-win64-v4.1 » scrcpy-win64-v4.1



Search scrcpy-win64-v4.1



Dropbox

OneDrive

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

Pictures

Videos

Windows 10 (C:)

DataDisk (D:)

USB Drive (F:)

20GB-NTFS (S:)

Name

Date modified

Size

adb.exe

2026-09-07 9:18 A...

8,287 KB

AdbWinApi.dll

2026-09-07 9:18 A...

106 KB

AdbWinUsbApi.dll

2026-09-07 9:18 A...

72 KB

avcodec-62.dll

2026-09-07 9:18 A...

8,402 KB

avformat-62.dll

2026-09-07 9:18 A...

707 KB

avutil-60.dll

2026-09-07 9:18 A...

1,015 KB

disconnected.png

2026-09-07 9:18 A...

5 KB

libusb-1.0.dll

2026-09-07 9:18 A...

222 KB

LICENSE.txt

2026-09-07 9:18 A...

12 KB

open_a_terminal_here.bat

2026-09-07 9:18 A...

1 KB

scrcpy.exe

2026-09-07 9:18 A...

704 KB

scrcpy.png

2026-09-07 9:18 A...

7 KB

scrcpy-noconsole.vbs

2026-09-07 9:18 A...

1 KB

scrcpy-server

2026-09-07 9:18 A...

717 KB

SDL3.dll

2026-09-07 9:18 A...

5,241 KB

swresample-6.dll

2026-09-07 9:18 A...

137 KB

16 items

File

Home

Share

View

Application Tools

Pin to Quick access

Copy

Paste

Cut

Copy path

Paste shortcut

Move to

Copy to

Delete

Rename

New folder

New item

Easy access

Properties

Open

Edit

History

Select all

Select none

Invert selection

Manage

D:\original\scrcpy-win64-v4.1\scrcpy-win64-v4.1

← → ↕ ↑

« original » scrcpy-win64-v4.1 » scrcpy-win64-v4.1

Search scrcpy-win64-v4.1

Dropbox

OneDrive

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

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Music

Pictures

Videos

Windows 10 (C:)

DataDisk (D:)

USB Drive (F:)

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Name

adb.exe

AdbWinApi.dll

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avutil-60.dll

disconnected.png

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LICENSE.txt

☒ open_a_terminal_here.bat

scrcpy.exe

scrcpy.png

scrcpy-noconsole.exe

scrcpy-server

SDL3.dll

swresample-6.dll

2026-09-07 9:18 A...

137 KB

Open File - Security Warning

The publisher could not be verified. Are you sure you want to run this software?



Name: ...-v4.1\scrcpy-win64-v4.1\open_a_terminal_here.bat

Publisher: **Unknown Publisher**

Type: Windows Batch File

From: D:\original\scrcpy-win64-v4.1\scrcpy-win64-v4.1\o...

Run

Cancel

☒ Always ask before opening this file



This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. [How can I decide what software to run?](#)

16 items

1 item selected

5 bytes

C:\WINDOWS\system32\cmd.exe

Microsoft Windows [Version 10.0.19045.7663]
(c) Microsoft Corporation. All rights reserved.

D:\original\scrcpy-win64-v4.1\scrcpy-win64-v4.1>scrcpy

C:\WINDOWS\system32\cmd.exe

Microsoft Windows [Version 10.0.19045.7663]
(c) Microsoft Corporation. All rights reserved.

```
D:\original\scrcpy-win64-v4.1\scrcpy-win64-v4.1>scrcpy
scrcpy 4.1 <https://github.com/Genymobile/scrcpy>
* daemon not running; starting now at tcp:5037
* daemon started successfully
ERROR: Could not find any ADB device
ERROR: Server connection failed

D:\original\scrcpy-win64-v4.1\scrcpy-win64-v4.1>
```

Settings



Battery and device care

Storage • Memory • Device protection



Apps

Default apps • App settings



General management

Language and keyboard • Date and time



Accessibility

TalkBack • Mono audio • Assistant menu



Software update

Download and install



User manual

Learn more



Remote support

Remote support



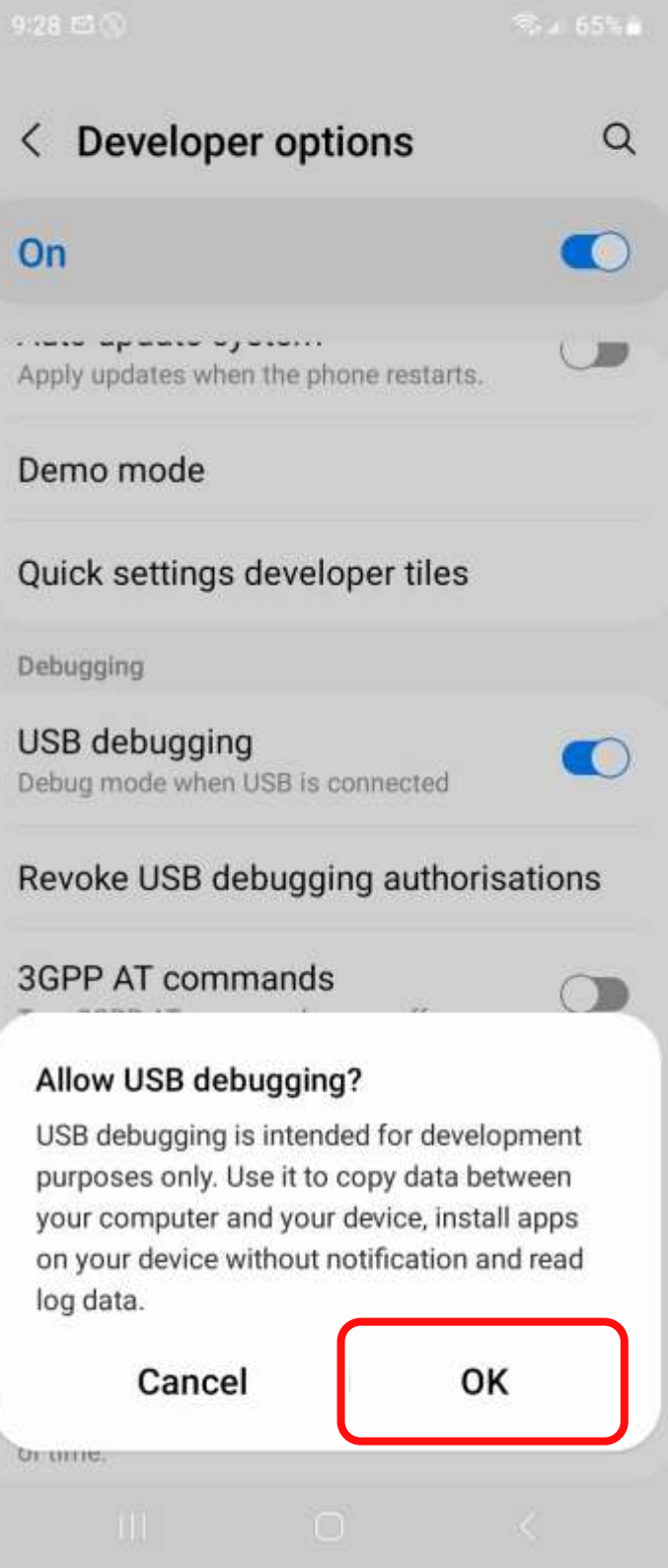
About phone

Status • Legal information • Phone name



Developer options

Developer options



< Developer options

On



Apply updates when the phone restarts.



Demo mode

Quick settings developer tiles

Debugging

USB debugging

Debug mode when USB is connected



Revoke USB debugging authorisations

3GPP AT commands



Allow USB debugging?

USB debugging is intended for development purposes only. Use it to copy data between your computer and your device, install apps on your device without notification and read log data.

Cancel

OK

9:29

65%



Cx File Explorer



Calendar



To Do Reminder



Thunderbird



WriterP



Clock



Merlin Bird ID



Vivaldi



WhatsApp



Discord



Calculator



Navigator

Allow USB debugging?

The computer's RSA key fingerprint is:
8A:14:F0:C2:9B:CE:D5:0D:4C:E0:28:99:E9:8F:8
4:3A

☐ Always allow from this computer

Cancel

Allow



Cx File Explorer



Calendar



To Do Reminder



Thunderbird



WriterP



Clock



Merlin Bird ID



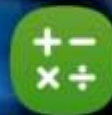
Vivaldi



WhatsApp



Discord



Calculator



Navigator



Seek



SiteFinder



Contacts



Messages



Running as a metered connection

SM-A326W

9:29

Thunderbird

v4.1>scrcpy
scrcpy>
037

D:\original\scrcpy-win64>scrcpy
scrcpy 4.1 <https://git
* daemon not running; s
* daemon started succes
ERROR: Could not find a
ERROR: Server connectio

D:\original\scrcpy-win64>scrcpy
scrcpy 4.1 <https://git
INFO: ADB device found:
INFO: --> (usb)
_A326W
D:\original\scrcpy-win64>scrcpy
[server] INFO: Device:
INFO: Renderer: direct3
INFO: Texture: 720x1600

v4.1>scrcpy
scrcpy>
device SM
33706 bytes in 0.005s)
-A326W (Android 13)

Taskbar: scrcpy/READ... z_Defenders... D:\original\sc... scrcpy - SM-... SM-A326W

System Tray: 9:29 AM 2026-09-07 ENG

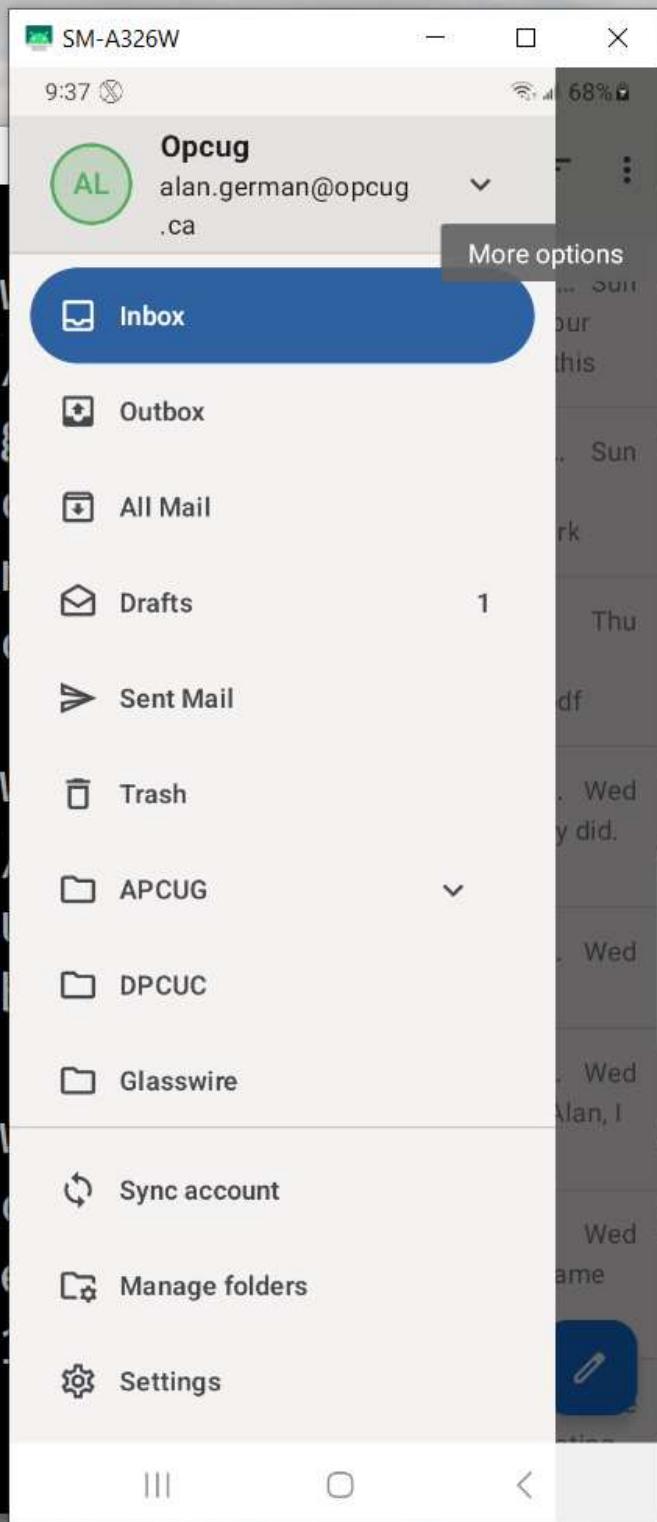


scrcpy - SM-A326W

```
: \original\scrcpy-v
scrcpy 4.1 <https://
daemon not running
daemon started suc
ERROR: Could not fi
ERROR: Server connec

: \original\scrcpy-v
scrcpy 4.1 <https://
INFO: ADB device fo
INFO: --> (usl
A326W

: \original\scrcpy-v
[server] INFO: Devi
INFO: Renderer: dire
INFO: Texture: 720x
```



Running as a metered connect

```
n64-v4.1>scrcpy
le/scrcpy>
cp:5037
```

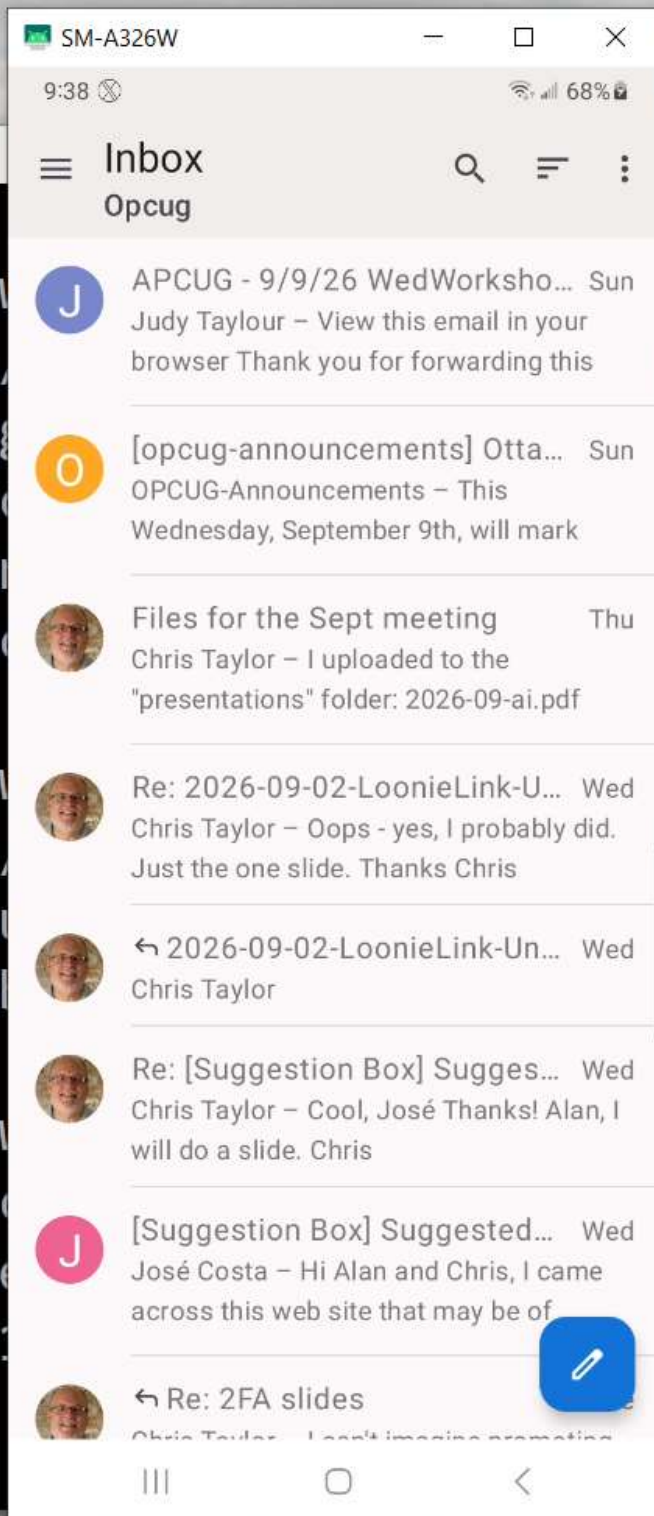
```
n64-v4.1>scrcpy
le/scrcpy>
```

device S

```
s (733706 bytes in 0.005s
g SM-A326W (Android 13)
```



scrcpy - SM-A326W



Running as a metered connection

```
C:\original\scrcpy-v4.1>scrcpy
scrcpy 4.1 <https://github.com/Genymobile/scrcpy>
daemon not running
daemon started successfully
ERROR: Could not find the adb executable
ERROR: Server connection failed
C:\original\scrcpy-v4.1>scrcpy
scrcpy 4.1 <https://github.com/Genymobile/scrcpy>
INFO: ADB device found
INFO: --> (using default)
A326W
C:\original\scrcpy-v4.1>scrcpy
scrcpy 4.1 <https://github.com/Genymobile/scrcpy>
[server] INFO: Device found
INFO: Renderer: direct
INFO: Texture: 720x1280
```

```
64-v4.1>scrcpy
le/scrcpy>
cp:5037
```

```
64-v4.1>scrcpy
le/scrcpy>
```

device

```
s (733706 bytes in 0.00s)
g SM-A326W (Android 13)
```



| scrcpy - SM-A326W

```
: \original\scrcpy-v
scrcpy 4.1 <https://
daemon not running
daemon started suc
ERROR: Could not fi
ERROR: Server connec

: \original\scrcpy-v
scrcpy 4.1 <https://
INFO: ADB device fo
INFO: --> (usl
A326W
: \original\scrcpy-v
[server] INFO: Devi
INFO: Renderer: dire
INFO: Texture: 720x
```



Running as a metered co

```
n64-v4.1>scrcpy
le/scrcpy>
cp:5037
```

```
n64-v4.1>scrcpy
le/scrcpy>
```

device

```
s (733706 bytes in 0.0
g SM-A326W (Android 13
```



**Any other:
Questions
Comments
Shares?**

Members Only!

OPCUG-Member-Forum

- Google Group where members can post questions or anything of general interest to other members
- Accessible 24/7/365 (always-on Q&A!)
- Only members of the OPCUG will be authorized to access the group

One-on-one remote assistance

- Send E-mail request for assistance
- Request is sent to a group of volunteers
- Assistance through remote-access to your computer
- Available only to OPCUG members



<https://opcug.ca/google-groups-how-to/>



Share Your Knowledge!

We're looking for members to give short presentations on:

- Software and useful apps
- Computer hardware and accessories
- Windows, Linux, macOS, Android, and other operating systems
- Internet safety, privacy, and security
- Digital photography, music, video, and file management
- Tips, techniques, and solutions you have discovered

No professional speaking experience is required. Share a favourite program, demonstrate a useful technique, explain a recent project, or help others solve a common problem.



OPCUG

Social Get-Together

- **Wednesday, October 21st starting at 7:00pm**
- **Big Rig Kitchen & Brewery**
 - 2750 Iris St
 - just off the 417 at Greenbank
 - lots of free parking
- OPCUG is making the reservation
- All attendees will pay their own tab
- **If you hope to attend**
 - send an email to BigRig@opcug.ca
 - let us know the number of people who will be in your party
- Members and non-members are welcome

**Change
of venue!**

- <https://bigrigbrew.com/restaurant/locations/ottawa-iris/>
- <https://maps.app.goo.gl/M8nhGmYfb1iFw7vZ7>

- Pictures may be taken at the restaurant and posted on our website
- If you do not want to be photographed, please step out of the frame

Share

Vibe Coding Competition

- The use of vibe coding will be on the honour system
- For those providing entries to the competition, there will be two prizes offered:
 1. The most useful product
 2. The best presentation of the development process *

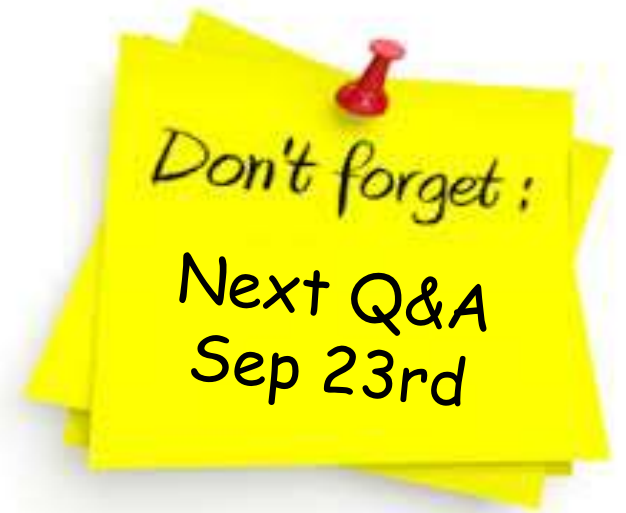
** The project doesn't have to be successful for this portion of the competition - stories of trials and tribulations, and even abysmal failure will be happily accepted*



Scheduled for October 14th

Entries by September 30th

Entry details to: SuggestionBox@opcug.ca



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca