NEONCLIPPING

The complete guide

Install it, update it, and use every part of it. Step by step, with pictures and arrows.

Free · Runs on your PC · Open-source · 9:16 Shorts · Reels · TikTok

Made by Ajay K Meena · github.com/iamajmeena/neonclipping · version 35de09a

What is inside

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1

Install it

Pick the way that fits you. Windows is the easiest.

What you need

A computer
Windows 10/11 (easiest), Mac or Linux. About 10 GB free disk space.

Internet (once)
To download the program and its helpers. After that, clipping itself runs on your PC.

Optional extras
An NVIDIA graphics card makes it faster. Ollama (a free local AI) writes smarter titles. Neither is required.

Way 1 · Windows, two clicks (recommended)

1 Download `NeonClipping-Setup.bat` → **2** Double-click it → **3** Wait, the app opens by itself

1. **Open the website `iamajmeena.github.io/neonclipping` and press the download button**
   You can also take `NeonClipping-Setup.bat` from the Releases page on GitHub.
2. **Double-click `NeonClipping-Setup.bat`**
   A black window opens and prints what it is doing. It only runs one installer file (`install.ps1`); you can open the .bat in Notepad first if you want to read it. If Windows shows a blue warning for a downloaded file, you can choose **More info** and then **Run anyway**.
3. **Let it finish (a few minutes)**
   It checks your PC, installs **Python** and **FFmpeg** if they are missing, puts NeonClipping in `%LOCALAPPDATA%\NeonClipping` , makes a **Desktop shortcut** and opens the app.
4. **Next time, use the Desktop shortcut**
   The app lives at `http://127.0.0.1:8770` in your browser. If that address is busy, it picks 8771 (or set `NEONCLIPPING_PORT`).

Good to know Everything lives in one folder. To remove NeonClipping later, delete that folder and the Desktop shortcut. Your clips are inside it (in `data`), so copy them out first.

Way 2 · Mac or Linux

Open Terminal and run these lines one by one:

```
git clone https://github.com/iamajmeena/neonclipping
cd neonclipping
./install.sh
```

Start it later with `./run.sh`, then open `http://127.0.0.1:8770` in your browser. The video encoder is chosen by what works on your computer (NVIDIA, Apple VideoToolbox, or the CPU).

Way 3 · Let an AI agent install it

If you use Claude Code, Codex or a similar agent that can run commands, give it the file `docs/NEONCLIPPING-AGENT-SETUP-PROMPT.txt` from the repository. It checks your PC, installs only what is missing, asks before any big download and opens the app in Chrome.

Way 4 · Developers (git)

```
git clone https://github.com/iamajmeena/neonclipping
cd neonclipping
./run.ps1        # Windows
./run.sh         # Mac / Linux
```

First run: what to expect

1. **The page opens with a status line**
   It shows FFmpeg, the video encoder (for example NVIDIA GPU), YouTube support, the AI model and free disk. Green ticks mean ready.
2. **The first clip downloads a speech model once (about 1.6 GB)**
   This is only used when a video has no YouTube captions. It is saved and never downloaded again.
3. **Optional: install Ollama for smarter titles**
   Install Ollama from ollama.com, then run `ollama pull llama3.2:3b` once. Without it clips are still picked, using the audio and motion score.

2

Update it

Already installed an older version? You keep your clips and settings.

What is new in this version

Editor

Live 9:16 preview of your cut, a thumbnail timeline you drag, split / duplicate / reorder pieces, drag the camera and game boxes on the real frame, drag the captions.

Live Preview panel

A right-side panel shows the real clip with the chosen caption, layout and heading. It also has a Make clips button and live progress bars with percentages.

13 caption styles

Karaoke (default), TikTok, Pill, One word, Cinematic, Boxed, Outlined, Comic and more, each drawn the way it looks on the finished clip.

Simpler screen

One Advanced area with tabs, an Activity list, smart defaults (1080p, 9:16, captions on, facecam found for you) and your choices remembered.

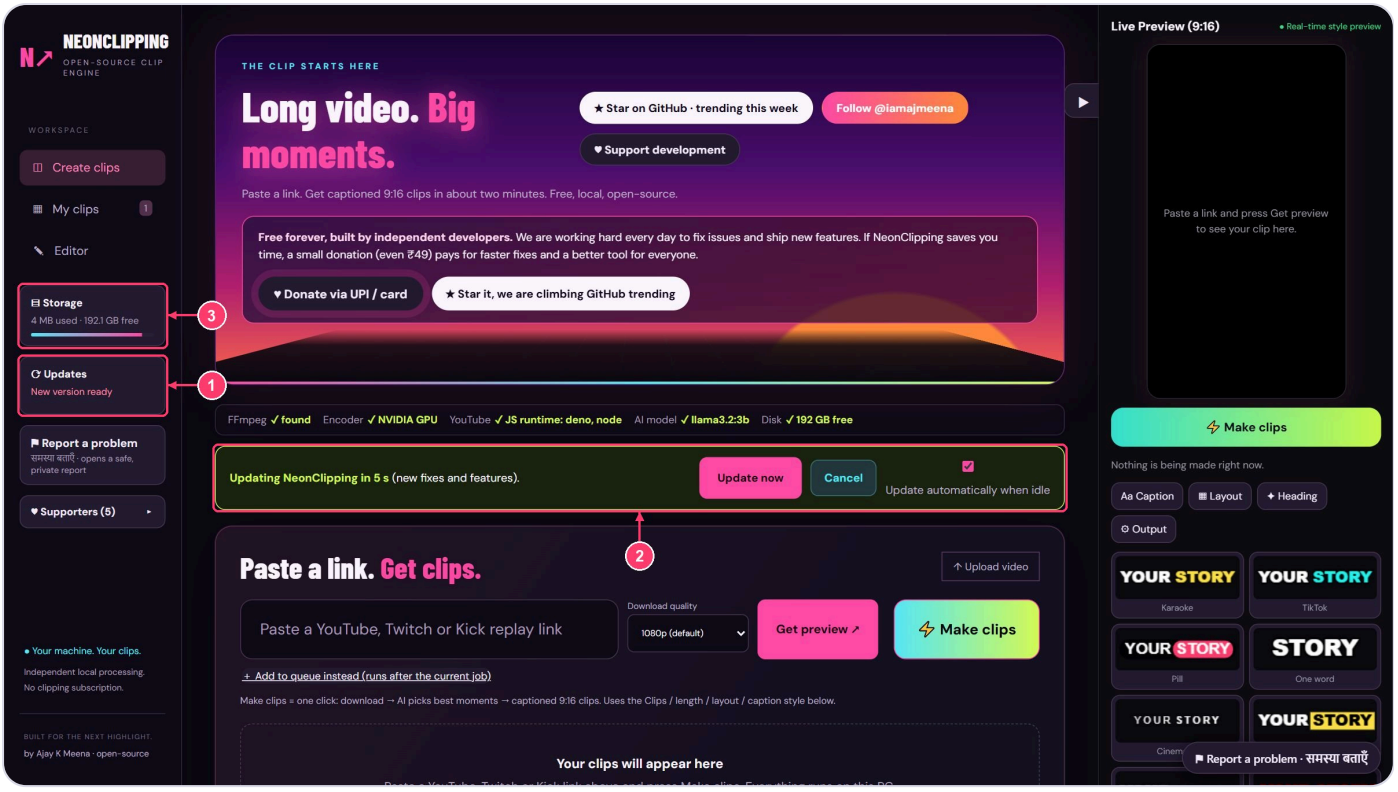
Storage, delete, updates

A Storage card to free space or choose another folder, a trash button and Select mode in My clips, and an Updates card.

Better scores and words

Hook / engagement / value / shareability scores, export presets for Shorts, TikTok and Reels, caption font, size and colours, volume, and English words like “police” spelled correctly in Hinglish.

Update, the easy way (inside the app)



1. The Updates card in the sidebar says "New version ready" when one exists.
2. A green bar at the top: press **Update now**, or wait and it updates by itself when nothing is running.
3. Your clips, settings and downloaded models are kept.

1. **Open NeonClipping as usual**
   The app checks GitHub for a newer version (one small request). Nothing else is sent.
2. **Press Update now in the green bar**
   It downloads the new files, replaces the program, keeps `data`, `models`, your settings and caches, and keeps one backup of the old files in `.update-backup`.
3. **Wait for the restart**
   The app restarts by itself and the page reloads. Done.

> **Installed a very old version?** Versions from before the in-app updater do not have the green bar. Run `NeonClipping-Setup.bat` **once more** (same file as the install). It updates in place and keeps your data. After that, updates come from inside the app.

If you installed with git

The in-app updater never touches a git copy. Update it yourself:

```
cd neonclipping
git pull
.venv/Scripts/pip install -r requirements.txt   # Windows; use .venv/bin/pip on Mac / Linux
```

After an update: quick check

1. **Hard-refresh the page**
   Press `Ctrl` + `F5` so the browser loads the new screen.

2. **Look at the status line**
   FFmpeg, encoder and AI model should show green ticks.

3. **Open My clips**
   Your old clips are still there. Press **Edit** on one to try the new Editor.

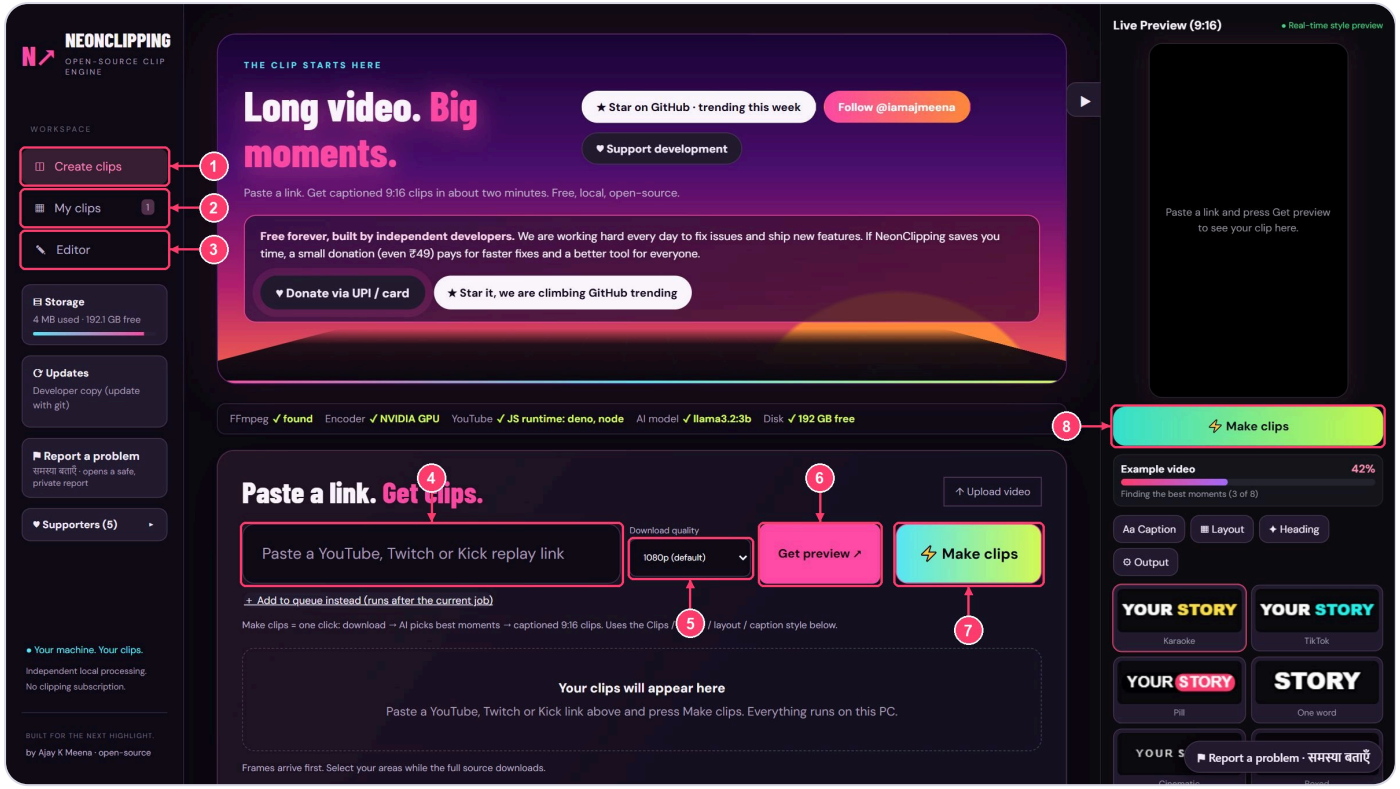
If an update goes wrong Your data is not touched. The replaced program files are in `.update-backup`. Running `NeonClipping-Setup.bat` again repairs the install.

3

Use it

From a link to finished clips. Every picture has numbered arrows that match the list under it.

The screen at a glance



1. **Create clips**: make new clips from a link or a file.
2. **My clips**: everything you made. Download, edit or delete.
3. **Editor**: polish a finished clip with a live preview.
4. Paste a YouTube, Twitch or Kick link here (or press **Upload video**).
5. Download quality. Default 1080p; choose 4K here if you want it.
6. **Get preview**: load frames first, set the camera area, then make clips.
7. **Make clips**: one click, everything automatic.
8. The same Make clips button, in the Live Preview panel, with progress bars below it.

Make clips in one click

1. **Paste the link**
   A YouTube video, a Twitch or Kick replay, or press **Upload video** for your own MP4. For a very long video you can pick the part you want.
2. **Press Make clips**
   NeonClipping downloads, finds the best moments, writes a title and a hook for each, adds captions and renders vertical 9:16 clips. About two minutes for a normal video.

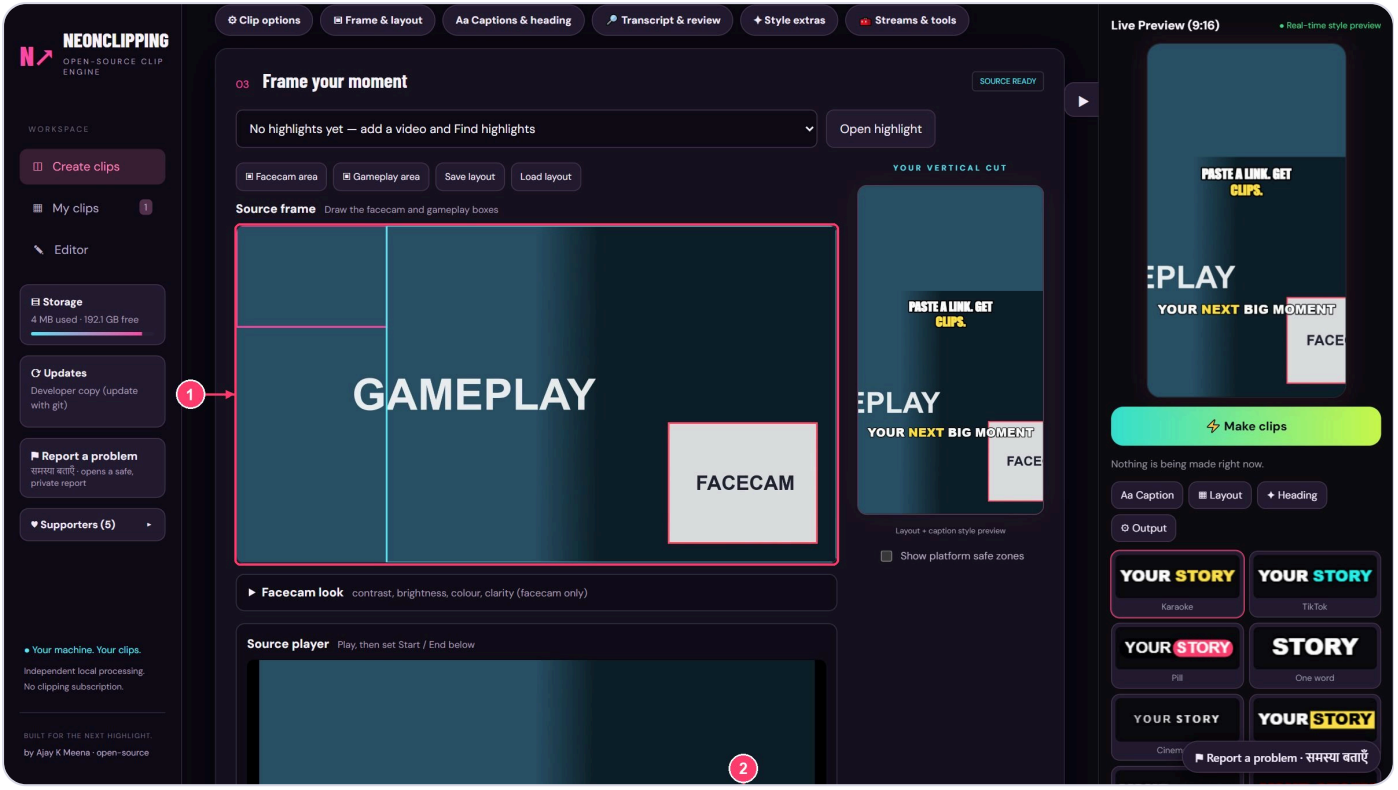
3. **Watch the progress**
   The **Activity** list and the **Now making** box in the right panel show a bar with a percentage and a short line about what is happening (downloading, reading moments, rendering clip 2 of 3).

4. **Collect your clips**
   They appear under the button and in **My clips**. Each has a score ring, a title and Download / Edit buttons.

> **Want it to wait?** Use **Add to queue instead** under the box. Links in the queue run one after another; you can pause or cancel them.

Preview first and frame your moment

Press **Get preview** instead of Make clips when you want control. Frames arrive first, then you draw the areas. Open **Advanced** and the **Frame & layout** tab.

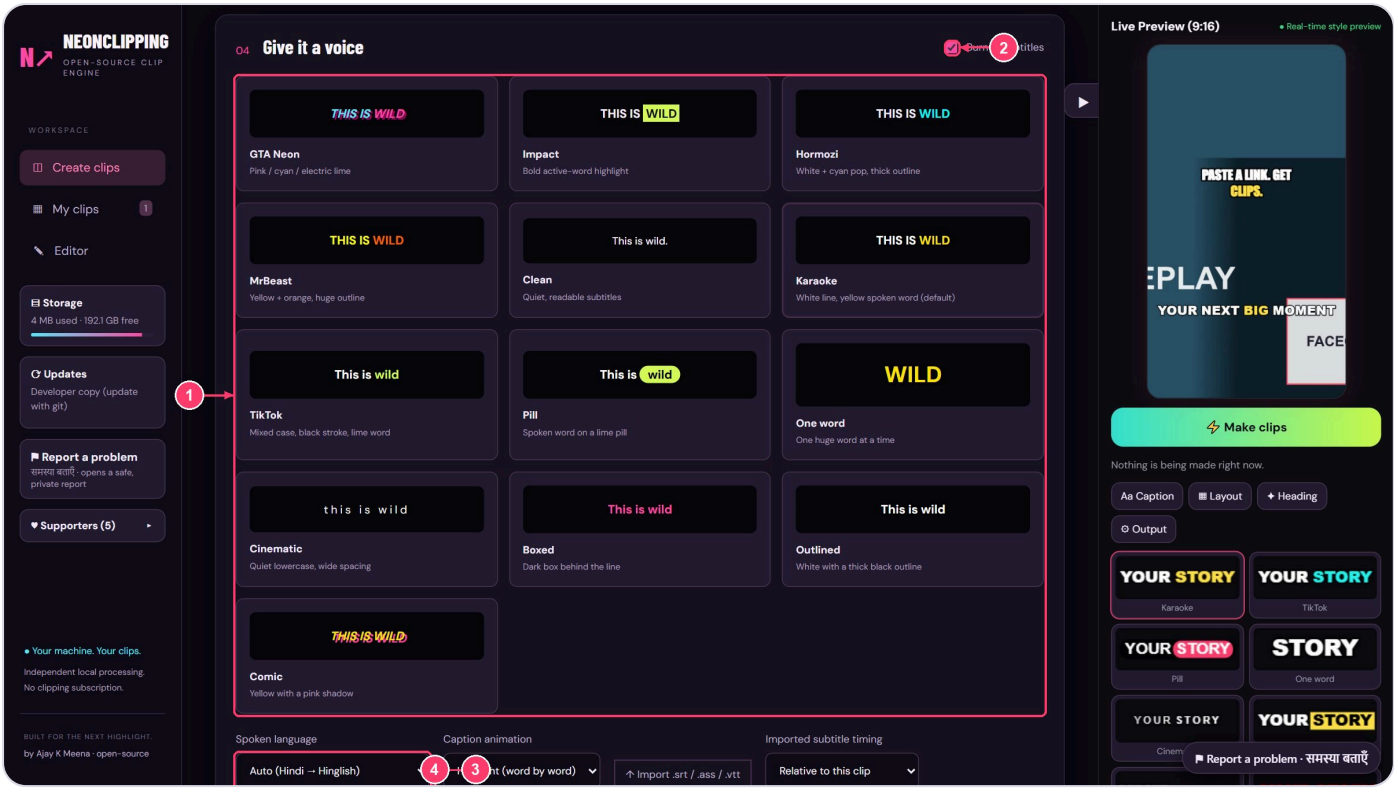


1. Draw the **facecam area** (pink) and the **gameplay area** (cyan) on the real frame. NeonClipping also finds the facecam for you.
2. How tall the face part is in the vertical clip.

The right side shows **your vertical cut** live. Eleven layouts are available: face + game, game + face, blurred, fill, game only, four corner cameras, circle camera and side by side.

Captions and the opening heading

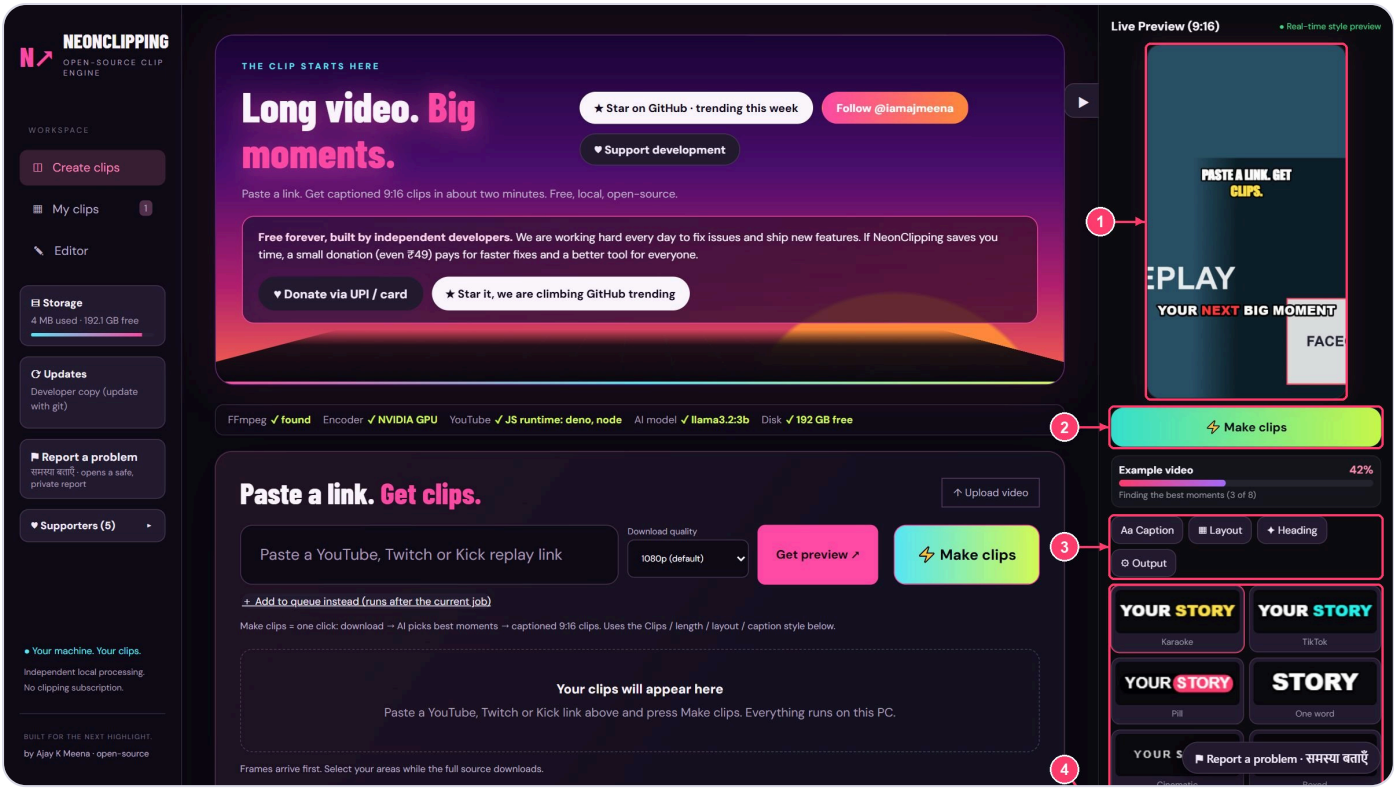
Open the **Captions & heading** tab. Pick a style tile, switch captions on or off, choose the language and write your own opening line. If you leave the language on Auto, Hindi speech becomes Hinglish; English words such as “police” keep their English spelling.



1. 13 caption styles. The active word is highlighted; Karaoke is the default.
2. Burn captions into the clip on or off (off is faster).
3. Language. Auto turns Hindi into Hinglish.
4. Your own opening heading. Leave it empty and the AI writes one.

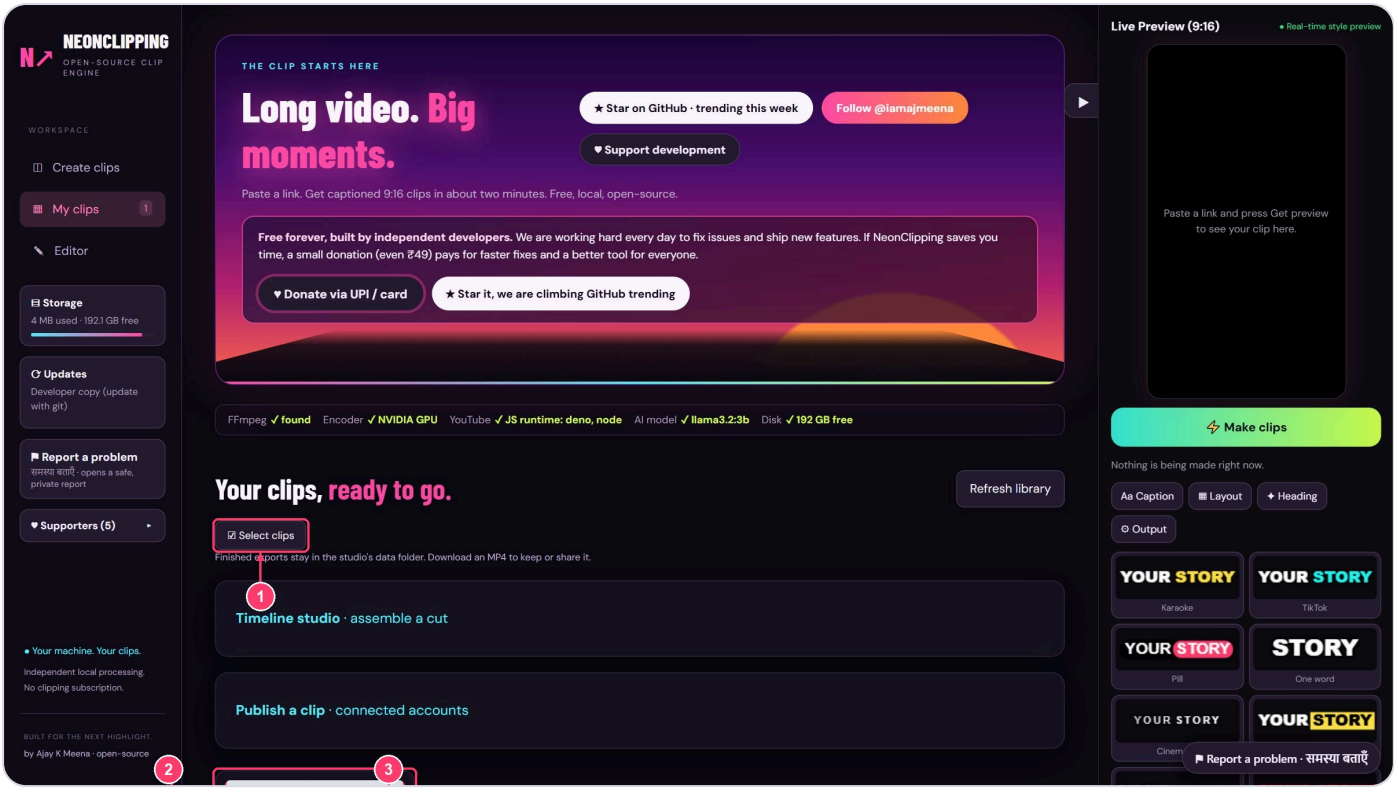
The Live Preview panel (right side)

This panel mirrors the real preview, so what you pick is what you see: caption style, layout and heading drawn on your clip. Open or close it with the small arrow button on the edge.



1. The live 9:16 preview of your clip, with the chosen caption and heading.
2. **Make clips** from here, then watch the bar and the percentage under it.
3. Four tabs: **Caption**, **Layout**, **Heading** and **Output** (shape, quality, number of clips).
4. Every caption style drawn the way it looks. Press one to use it.

My clips: download, edit, delete

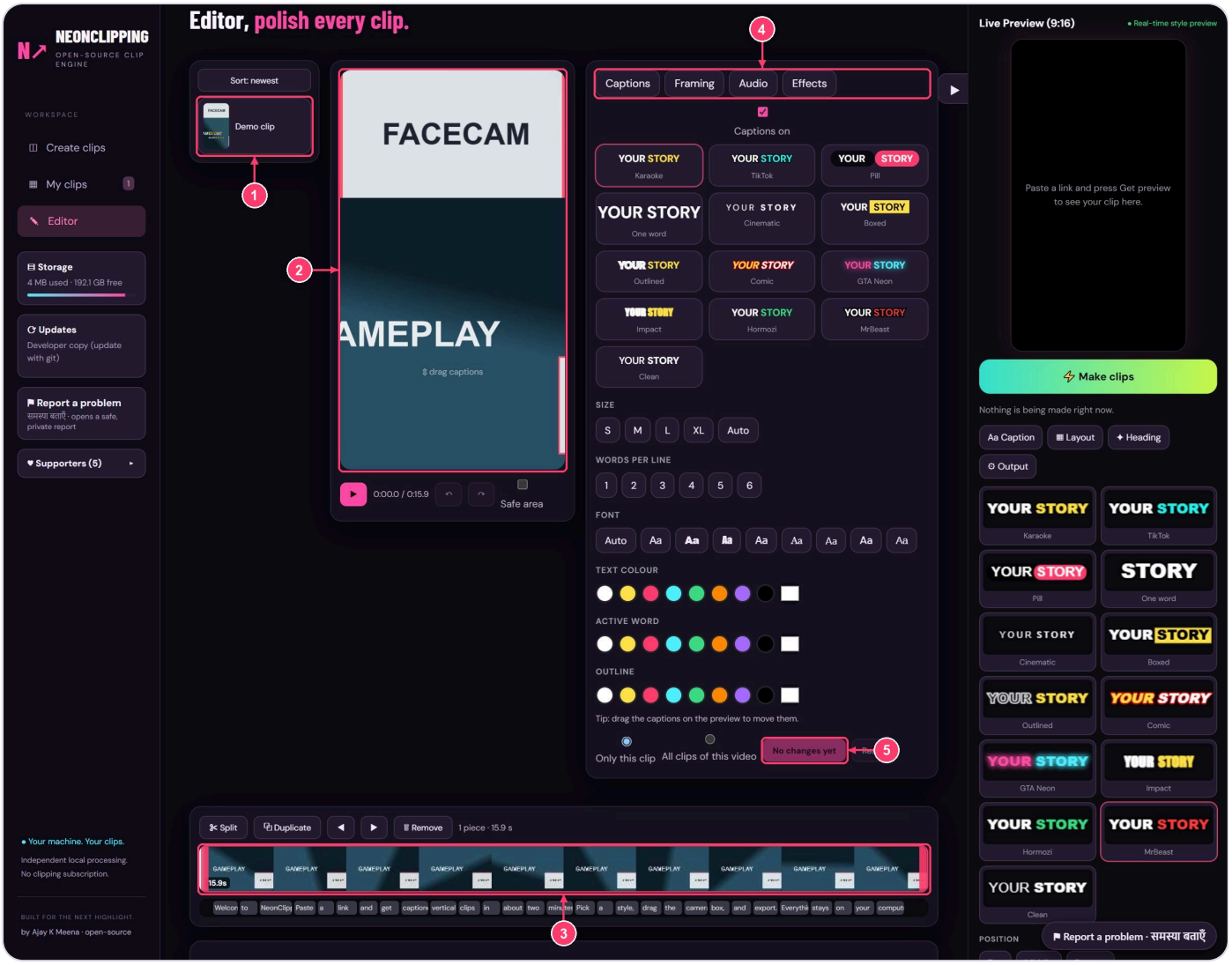


1. **Select clips**: tick many clips and delete them together (you are asked to confirm).
2. A finished clip. Play it, then press **Download** or **Edit**.
3. The trash button removes just this clip (and asks first). Download what you want to keep.

Deleting cannot be undone. You can also tick **Also delete the source videos** to free more space.

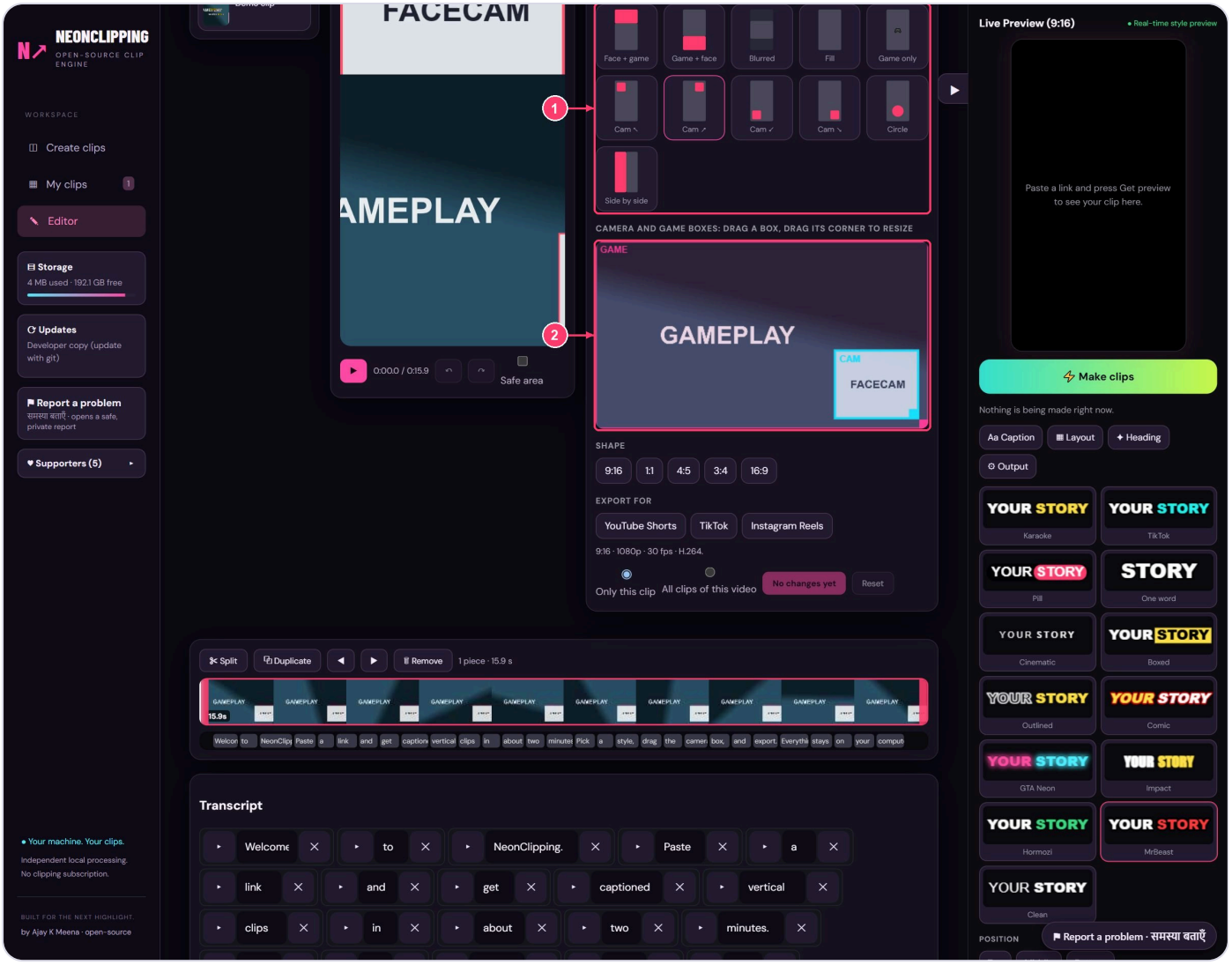
The Editor

Open the **Editor** from the sidebar (or press **Edit** on a clip). It plays your cut live in 9:16, so every change shows at once. Press **Export changes** when you are happy; the new version replaces the old one.



1. All your clips. Pick one to edit; sort by newest or best score.
2. Live preview. Play with `Space`. Drag the captions up or down right here.
3. The timeline: thumbnails of your clip. Click to move the playhead; drag a piece edge to trim.
4. Tabs: **Captions**, **Framing**, **Audio**, **Effects**. Every choice is a picture, a colour or a button.
5. **Export changes** renders the new version. Undo / redo are above the preview.

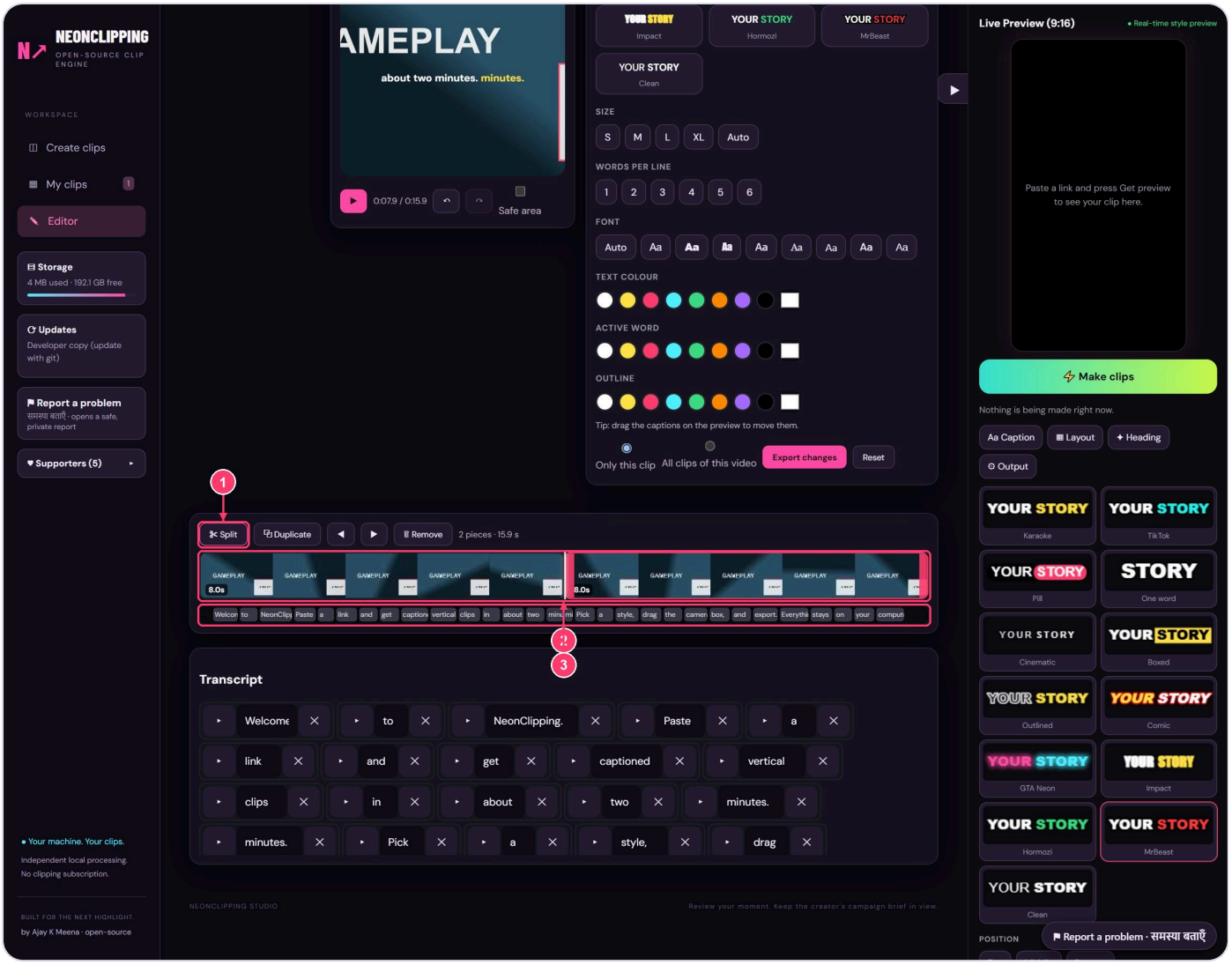
Framing: drag the boxes on the real frame



1 Layout pictures: press one to switch. The preview changes at once.

2 The original frame with a **CAM** box and a **GAME** box. Drag a box to move it, drag its corner to resize.

Cut your clip: split, remove, duplicate, reorder



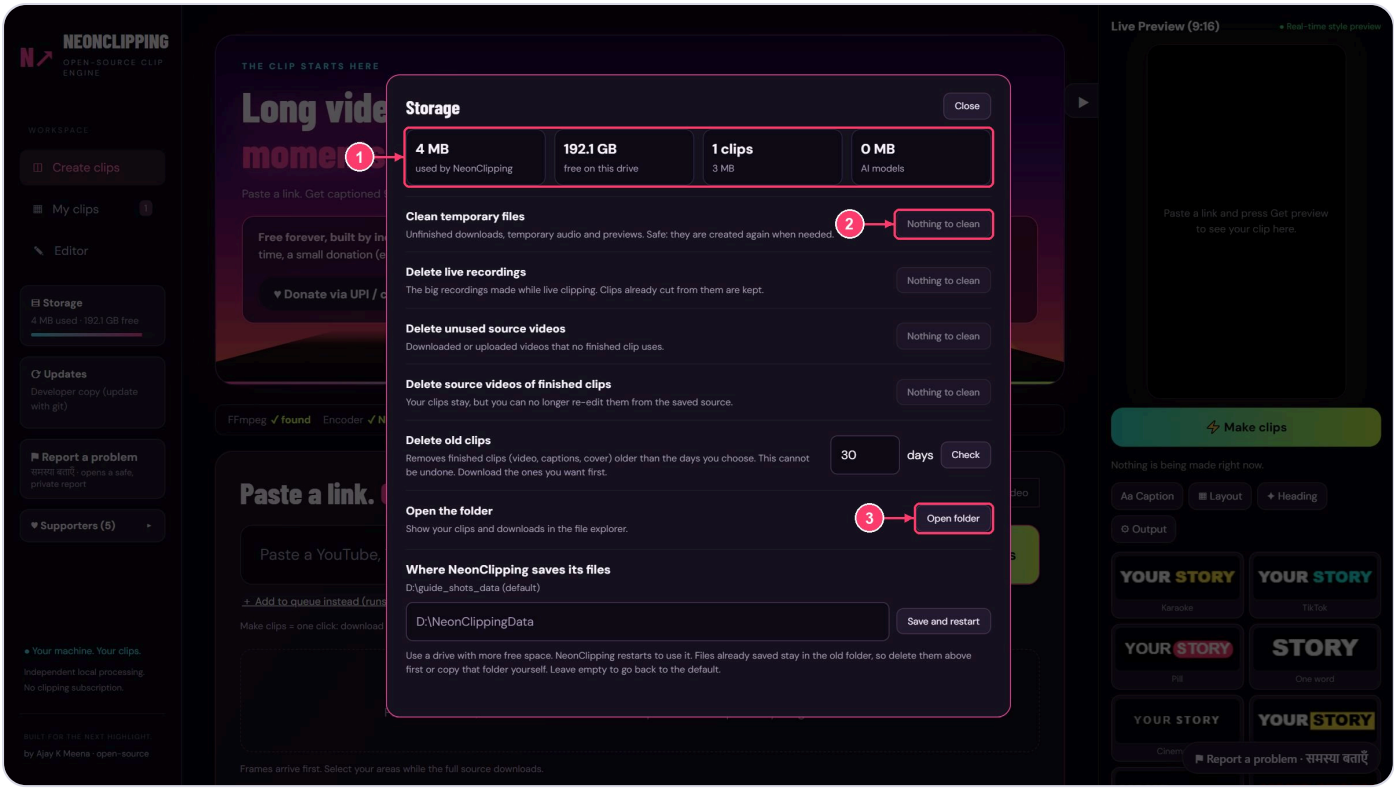
1. **Split** cuts the clip in two at the playhead (shortcut S). Then **Remove** a piece, **Duplicate** it, or move it with the arrows.
2. Each piece shows its length. A pink edge appears on the selected piece: drag it to trim.
3. The caption words along the timeline. Edit or remove a word in the Transcript box below.

Good to know The preview is a close picture of the result, built from your camera and game boxes. The finished video can differ slightly, so check it after you export. A clip must stay between 3 and 180 seconds. Transcript edits and cutting work on one clip at a time; look changes (style, layout) can be applied to all clips of a video.

Export presets

In the **Framing** tab, press **YouTube Shorts**, **TikTok** or **Instagram Reels**. It sets 9:16, 1080p and 30 fps and warns you if the clip is longer than that platform allows (Shorts 180 s, TikTok 600 s, Reels 90 s).

Storage: when the disk gets full



1. How much space NeonClipping uses, how much is free, and how many clips you have.
2. Safe clean-ups with the size you will free: temporary files, old live recordings, unused source videos.
3. **Open folder** shows your clips in the file explorer.

Press the **Storage** card in the sidebar. Nothing is deleted without a question first. You can also choose another drive for NeonClipping's files (NeonClipping restarts to use it).

Live streams, creators and your phone

Live clipping

Open Advanced, then **Streams & tools**. Paste a Twitch channel or YouTube Live link and press Start. NeonClipping records the stream, watches the chat and cuts a clip around every chat spike.

Creators

Add a streamer in the **Creators** panel. When they go live, NeonClipping clips them with your layout and caption style. Keep NeonClipping open; it needs 8 GB free disk.

Phone remote

Start with the **NeonClipping (phone access)** shortcut. A Wi-Fi address and a 6-digit PIN appear under Live clipping. Open that address on a phone on the same Wi-Fi and enter the PIN.

Fast, Balanced or Best

Under the link box pick a mode. **Fast** works on every PC and already has most features. **Balanced** adds the AI spelling fix and lets the AI read the whole talk. **Best** scans the full video and compares clips twice. Open **What runs** to switch any single feature on or off (each tile says Light, Medium or Heavy).

A free AI key makes a slow PC fast

Without any AI, clips are still chosen by sound, motion and chat. With **Ollama** (free, on your PC) or a **free online AI key**, NeonClipping also writes hooks and titles and picks smarter moments. An online key is the

better choice on a slow PC or a laptop: the thinking happens on the provider's computers. Only the **text** of a clip is sent; your video and audio stay on your PC.

Groq

console.groq.com/keys. Free tier, no card, very fast. Daily limits per model (your console shows them).

Google Gemini

aistudio.google.com/apikey. Free tier with daily limits; Google changes them often, AI Studio shows yours.

NVIDIA

build.nvidia.com. Verify the account to get free trial credits (about 1,000 to start, reported 40 requests a minute).

xAI Grok

console.x.ai. New accounts have received free trial credits; the console shows the current offer.

1. **Open Settings**
   Left sidebar, ⚙ **Settings**, tab **AI key (free)**.
2. **Pick a provider and get the key**
   Tap Groq or Google Gemini, press **Open**, sign in, create an API key and copy it.
3. **Paste, then Save and test**
   Paste the key, press **Find models** if the model box is empty, then **Save and test**. A green tick means every new clip uses it. Free limits reset every day.

Phone? An online key moves the thinking off your PC, but downloading, cutting and rendering the video still happen on the computer. From a phone you use the **phone remote** (above) to control the PC on the same Wi-Fi.

Come back in one click

⚙ **Settings** → **Shortcut**: **Desktop + Start Menu** makes an icon that opens NeonClipping (and starts it if it is closed). **Install as an app** gives it its own window from Chrome or Edge.

Report a problem, supporters, donate

Report a problem (sidebar and bottom corner) writes a clear report you can read before anything is sent. NeonClipping stays free because of supporters; the **Supporters** list in the sidebar shows them with masked names. The **Donate** button is optional.

4

Questions and fixes

The things people ask most, including the ones you may not think to ask.

Is it really free? Do I need an account?

Yes, it is free and open-source. There is no account, no credits and no subscription.

Are my videos uploaded anywhere?

No. Downloading, finding moments, captions and rendering all run on your computer. Only the download itself touches the internet, plus the optional Cloud AI if you turn it on yourself.

Do I need a graphics card?

No. An NVIDIA card makes encoding and speech faster, but the CPU works too. Task Manager shows the work under **Video Encode** and **Video Decode**, not under 3D, so low “3D” use is normal.

How long does it take?

About two minutes for a normal video in Fast mode. Very long streams stay quick because only the audio is read first; Deep mode is slower but looks at motion too. 4K downloads take longer.

How do I get 4K?

Pick **4K** in the **Download quality** box next to **Get preview** (or the Output tab of the right panel). The default is 1080p.

YouTube says “Sign in to confirm you are not a bot”.

Open **Advanced → Clip options**, find the YouTube login box, choose the browser you are signed in to and save. NeonClipping only reads cookies when you set this. A spare Google account is safer than your main one. Updating also helps, because the downloader (yt-dlp) refreshes itself once a day.

A Twitch or Kick link does not work.

Use a replay (VOD) or clip link. A stream that is live right now goes into **Live clipping** instead.

The captions are wrong or a word is misspelled.

Open the clip in the **Editor**, change or remove the word in the **Transcript** box and press **Export changes**. For Hindi you can also choose the slower “Best Hindi” accuracy before making clips.

The preview in the Editor looks a little different from the exported clip.

The preview is a fast picture made in your browser. The final clip is rendered by FFmpeg, so fonts and edges can differ slightly. Check the exported clip in **My clips**.

My disk is full. What can I delete safely?

Press the **Storage** card. The first three clean-ups (temporary files, live recordings, unused sources) only remove things you can get again. Deleting clips is permanent, so download what you want first. You can also move NeonClipping’s data to a bigger drive there.

The page does not open or says the address is busy.

Open it from the Desktop shortcut. If another copy is already running, close it first. If port 8770 is taken, NeonClipping uses 8771; or set `NEONCLIPPING_PORT` to any free number.

FFmpeg is missing or the status line shows a red mark.

Run `NeonClipping-Setup.bat` again; it installs what is missing. Mac / Linux: install FFmpeg with your package manager (for example `brew install ffmpeg`).

Can I use it from my phone?

Yes, for live clipping. Start with the phone-access shortcut and use the address and PIN it shows. Phone access is off unless you start it that way, and nothing outside your PC works without the PIN.

Where are my clips saved?

In the `data` folder of the NeonClipping folder (on Windows installs: `%LOCALAPPDATA%\NeonClipping`). The Storage card has an
Open folder
button.

How do I remove NeonClipping?

Close it, copy out any clips you want from `data`, then delete the NeonClipping folder and the Desktop shortcut.

Something is broken. How do I tell you?

Press
Report a problem
. It prepares a report you can read first, so you decide what is shared. You can also open an issue on GitHub.

Does the update erase my clips or settings?

No. `data`, `models`, your settings and caches are kept. One backup of the replaced program files stays in `.update-backup`.

Is there a difference between “Make clips” and “Get preview”?

Make clips
does everything in one click.
Get preview
loads frames first so you can set the camera and game areas yourself, then you make the clips.

5

Cheat sheet

Keep this page handy.

Key	What it does
`Space`	Play / pause in the Editor
`S`	Split the clip at the playhead
`←` / `→`	Move the playhead 0.1 s (hold Shift: 1 s)
`Ctrl + Z`	Undo
`Ctrl + Shift + Z` or `Ctrl + Y`	Redo
`Ctrl + F5`	Hard-refresh after an update

Five habits that give better clips

1. **Use Get preview for gaming**
   Check that the CAM and GAME boxes sit where they should.
2. **Pick the style while you watch the Live Preview**
   What you see there is what the clip gets.
3. **Write your own opening heading when you can**
   A short, specific line stops the scroll better than a generic one.
4. **Finish in the Editor**
   Trim the first second, fix a word, then export once.
5. **Keep an eye on Storage**
   Downloaded sources are the biggest files. Clean up after a big session.

NeonClipping is made by Ajay K Meena. Star the project and read the latest guide at **github.com/iamajmeena/neonclipping**.