

N.I.X.

NETWORKED INTELLIGENCE EXECUTIVE



Administrator Guide

For Admins: setting NIX up, roles, people, sign-in security, settings and keeping NIX healthy.

Version 2.0.0 · October 2026

Roles

An activated NIX opens only for the people you add. Everyone except a guest signs in with their **own** authenticator app, each time NIX opens.

Capability	First Admin	Admin	Regular User	Guest
Use every assistant feature	Yes	Yes	Yes	General help only
Personal data (memory, email, calendar, files, phone)	Yes	Yes	Yes	No
Risky actions need approval	Yes	Yes	Yes	Not allowed
Change settings (General, Audio, Behaviour, Remote)	Yes	Yes	No	No
AI service keys (Settings → AI providers)	Yes	No	No	No
Add / remove Admins	Yes	No	No	No
Add / remove Regular Users	Yes	Yes	No	No
Deactivate NIX's licence on this computer	Yes	Yes	No	No
Start guest mode	Yes	Yes	Yes	-
End guest mode	Own code	Own code	Own code	No
Close or restart NIX	Yes	Yes	Yes	Yes

- **First Admin** - the person created in Setup (or on the first sign-in screen): the owner of this installation. Decides who else signs in, and with which role, and manages NIX's AI service keys. Can't be removed.
- **Admin** - looks after the household or office: settings and Regular Users.
- **Regular User** - uses NIX fully; risky actions need their approval.
- **Guest** - a visitor, or anyone who chooses *Continue as guest*: general help, nothing personal, no changes.

Until NIX is **activated** with a licence, everyone is a guest and nobody can sign in. The **Super Admin** (technical details, AI model names, NIX's own updates and repairs) is NIX's developer: one account for every NIX, never set up on customers' computers and never assignable. When the developer helps you, they sign in with the **Super Admin** button on the sign-in screen - their code is checked online by initcap.pro.

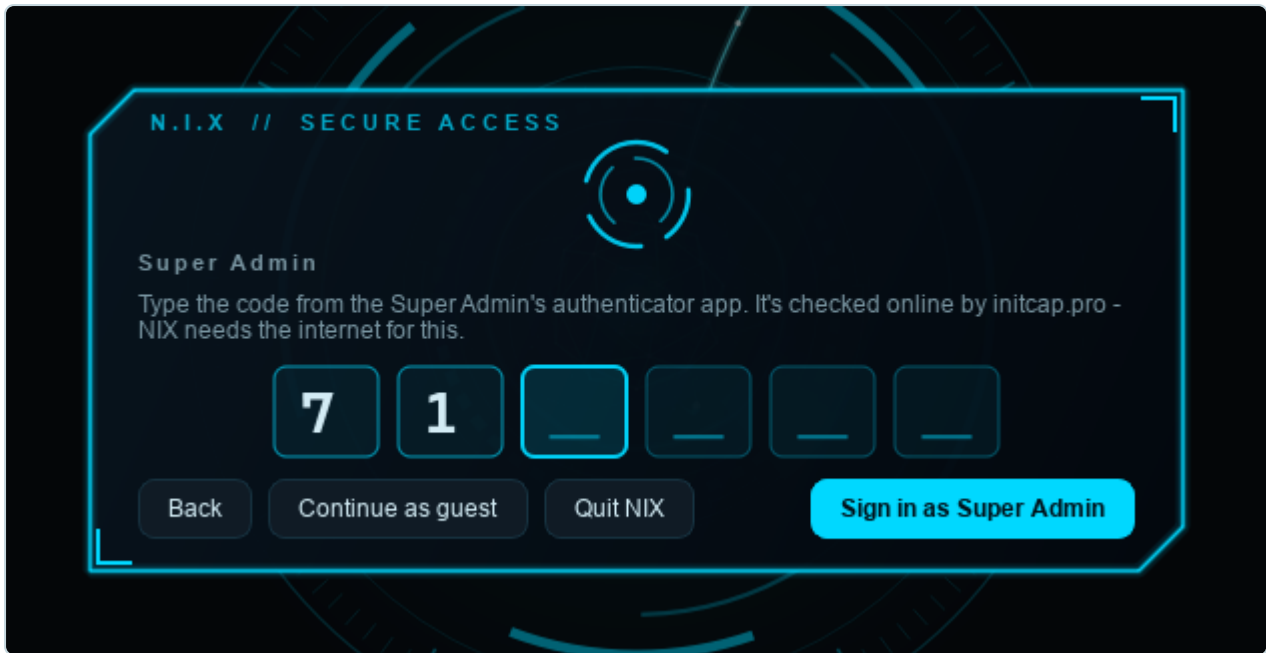


Figure: The Super Admin (NIX's developer) signing in - checked online.

Installing NIX

Download **NIX Setup** from initcap.pro and run it. It installs NIX for you only - no administrator rights are needed - into `%LOCALAPPDATA%\Programs\NIX` (you can choose another folder).

Everything NIX needs comes with it: its own Python, Node.js, FFmpeg, the JavaScript engine for YouTube (Deno) and the offline "Hey NIX" model. There is nothing else to download or install.

1. Check the install location and whether you want a desktop shortcut.
2. Read and accept the licence terms, then click **Install**.



Figure: NIX Setup - in NIX's own look.



Figure: Installing.

Connect NIX's AI

NIX's voice runs on **Google Gemini**. Paste your Gemini API key (free at Google AI Studio - the page has a link). You can also add a key for one more AI service (Anthropic Claude, OpenAI, OpenRouter, DeepSeek, Mistral or Groq), which NIX uses for coding, reasoning and writing. Each key is checked, then kept in Windows Credential Manager for your Windows account - never in a file, and never sent to InitCap. **Skip** if you don't have a key yet: an Admin can add it in Settings later.

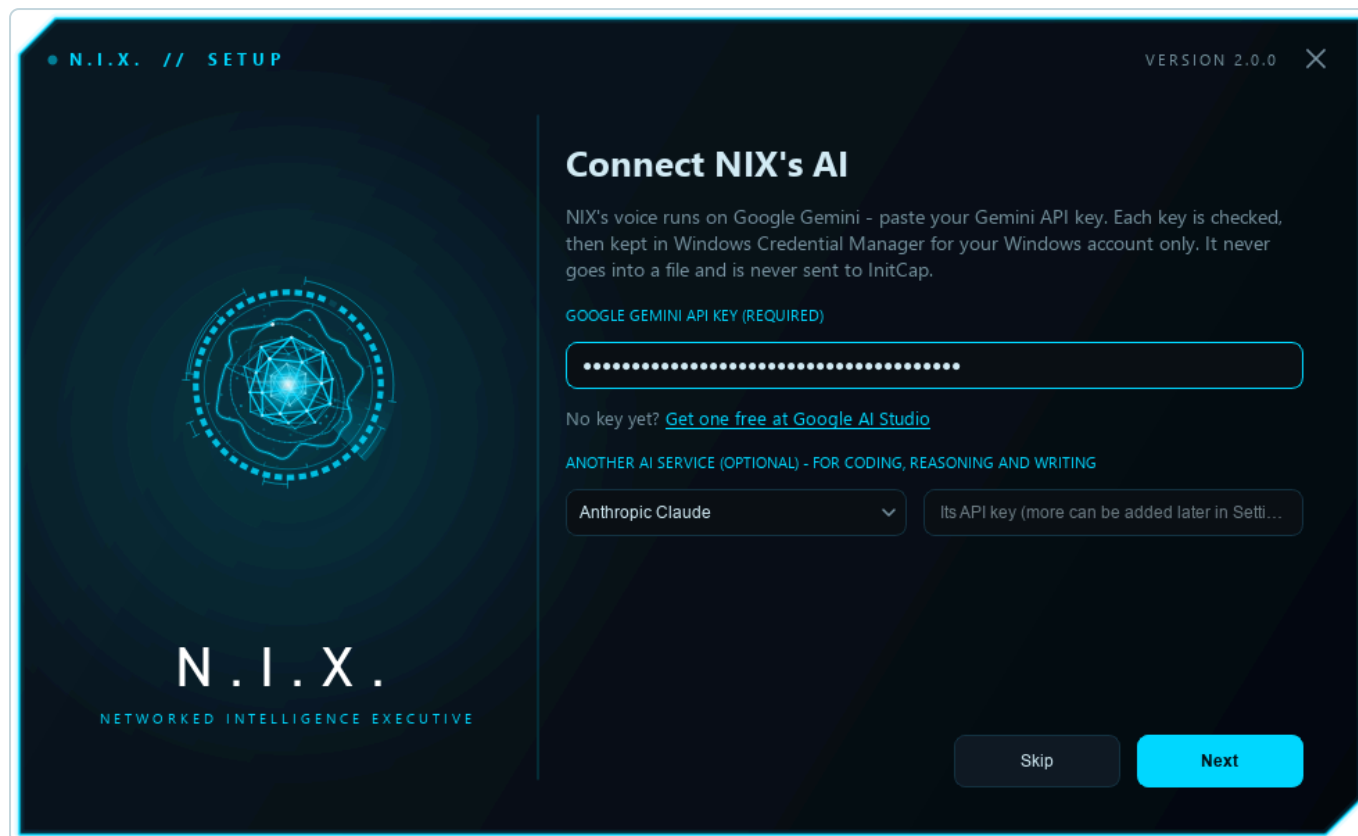


Figure: Connect NIX's AI: the Gemini key is required, one more service is optional.

Activate NIX

Enter the email you bought NIX with and the licence key from your purchase email, and click **Activate** (this needs the internet once). **Skip** to use NIX as a guest - you can activate later with the ACTIVATE button.



Figure: Activate NIX: your purchase email and licence key.

Your sign-in

Once NIX is activated it opens only for the people you add, each signing in with the code from their **authenticator app** (Google Authenticator or Microsoft Authenticator). The first person - you - becomes this PC's **Admin**.

1. Type your name and click **Next**.
2. In your authenticator app, add an account and scan the QR code (or type the setup key shown next to it).
3. Type the 6-digit code the app shows and click **Confirm**.
4. Save the 8 **recovery codes** - each signs you in once if your phone is lost. They are shown only once.



Figure: Your sign-in: scan the QR code with your authenticator app.

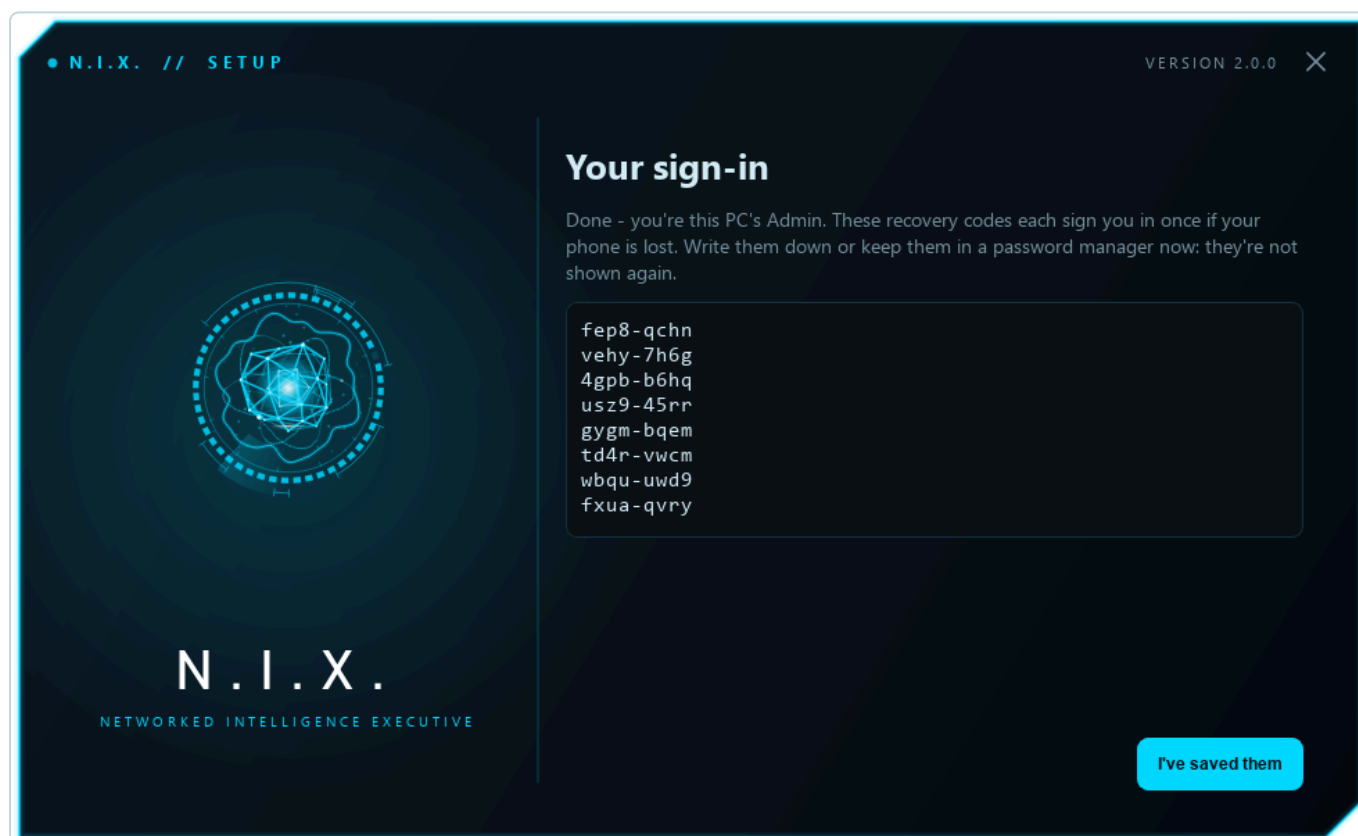


Figure: Your recovery codes - write them down or keep them in a password manager.

Click **Later** to do this when NIX first opens instead. Then leave **Start NIX now** ticked and click **Finish**.

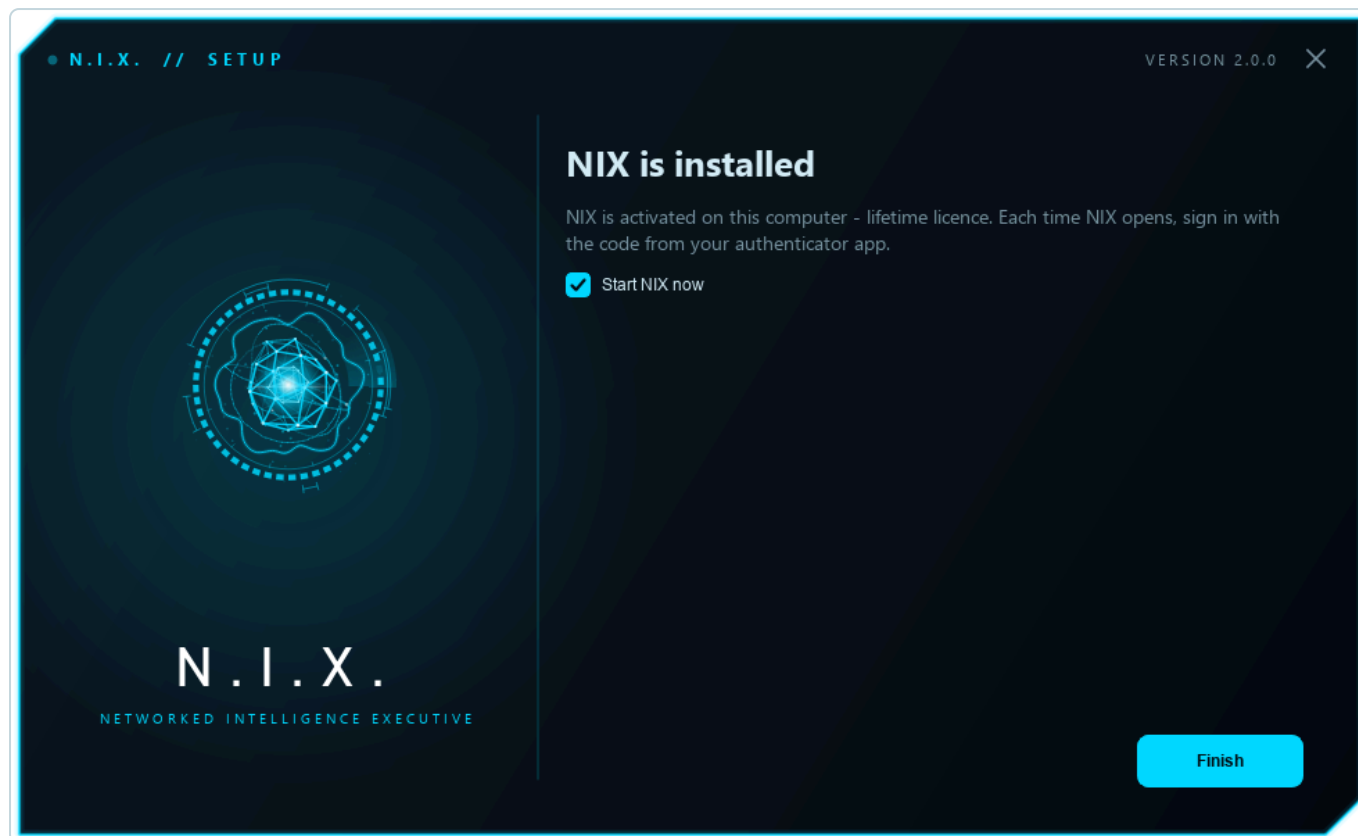


Figure: Installed and activated.

To remove NIX: Windows Settings → Apps → **N.I.X.** → Uninstall (or **Uninstall NIX** in NIX's folder). Your NIX data (memory, settings, licence, sign-ins) is kept unless you tick *Also delete my NIX data*.



Figure: Uninstalling.

Activating NIX

NIX is sold on **initcap.pro** as a **lifetime licence for one computer at a time**. After buying, you get an email with your licence key (`NIXP-XXXXX-XXXXX-XXXXX-XXXXX`). Until NIX is activated it works as a **guest only** - general help, nothing personal, no changes, and nobody can sign in.

You normally activate NIX in Setup. If you skipped it there:

1. Click **ACTIVATE** in the terminal (or say "activate NIX").
2. Enter the **email you bought NIX with** and your **licence key**, then click **Activate**. This needs the internet once.
3. NIX then asks you to **create your sign-in** (see Starting NIX).

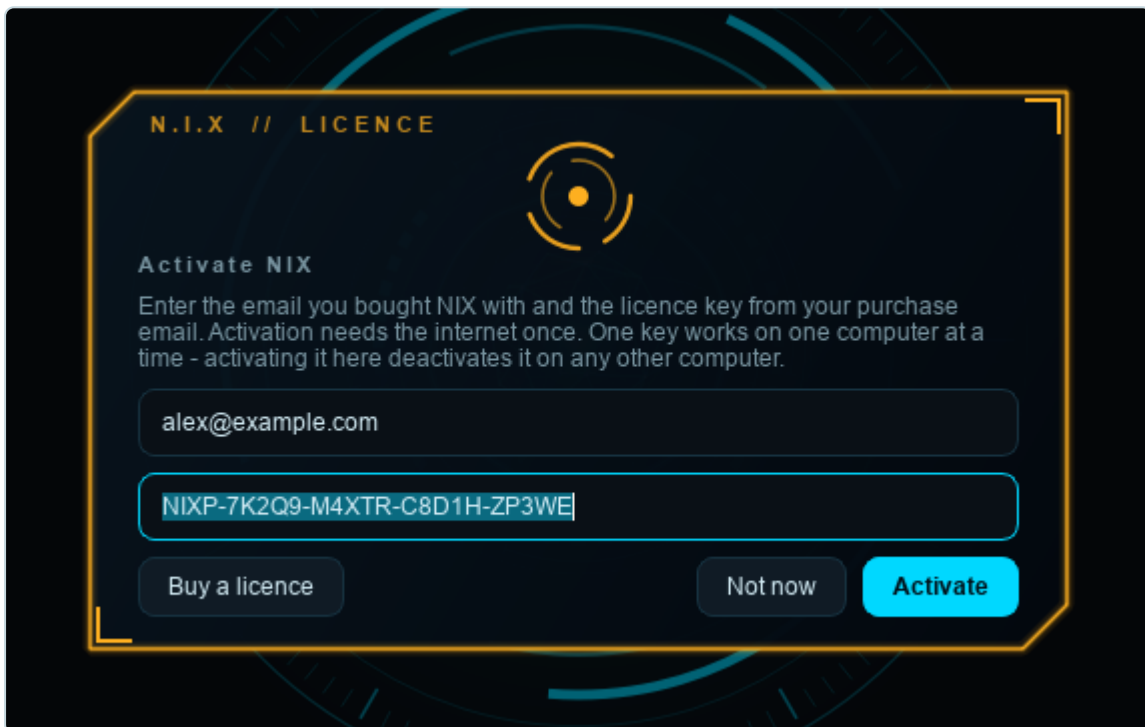


Figure: Activate NIX: your purchase email and licence key.

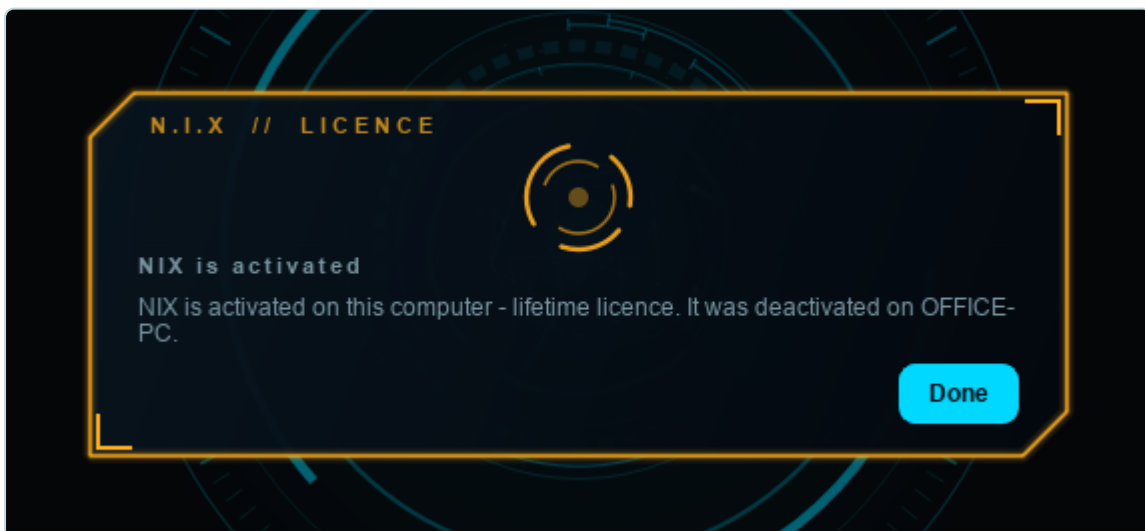


Figure: Activated - a lifetime licence for this computer.

One computer at a time

A licence key works on one computer at a time. If you activate it on another computer (a new PC, for example), the licence **moves** there and the previous computer is deactivated automatically. The next time NIX opens on the previous computer, it says so and works as a guest from then on - and offers to buy a new licence or activate another key.

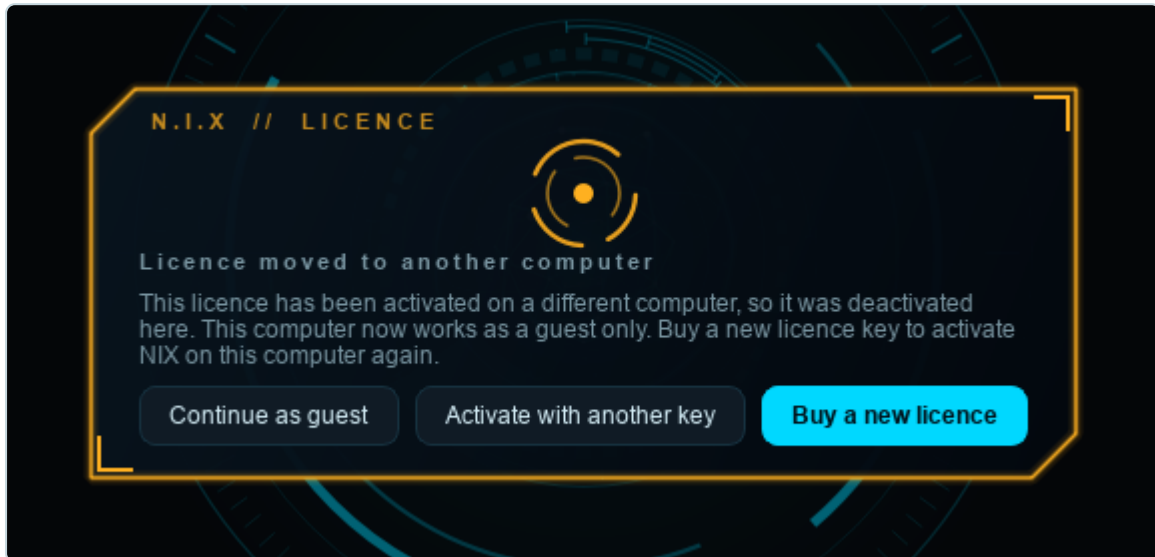


Figure: On the previous computer: the licence was activated somewhere else.

Once activated, NIX keeps working offline - the licence never expires. NIX checks with initcap.pro when it starts and every few hours while it runs (when it's online) to see whether the key was moved.

Licences

NIX licences are sold on initcap.pro: a **lifetime licence for one computer at a time**. The buyer receives the key by email and can see it in their initcap.pro account.

- **Activate:** email + key, once, online - in Setup, or later with the ACTIVATE button or "activate NIX".
- **Move to a new computer:** just activate there - the old computer is released automatically and becomes a guest the next time it starts online (it shows the alert every time NIX opens).
- **Deactivate this computer** (Admins): Admin panel → **Licence** → Deactivate, or "deactivate NIX on this computer". The key can then be activated anywhere.
- **Without a licence** NIX works in guest mode only; signing in, settings and personal features are off.

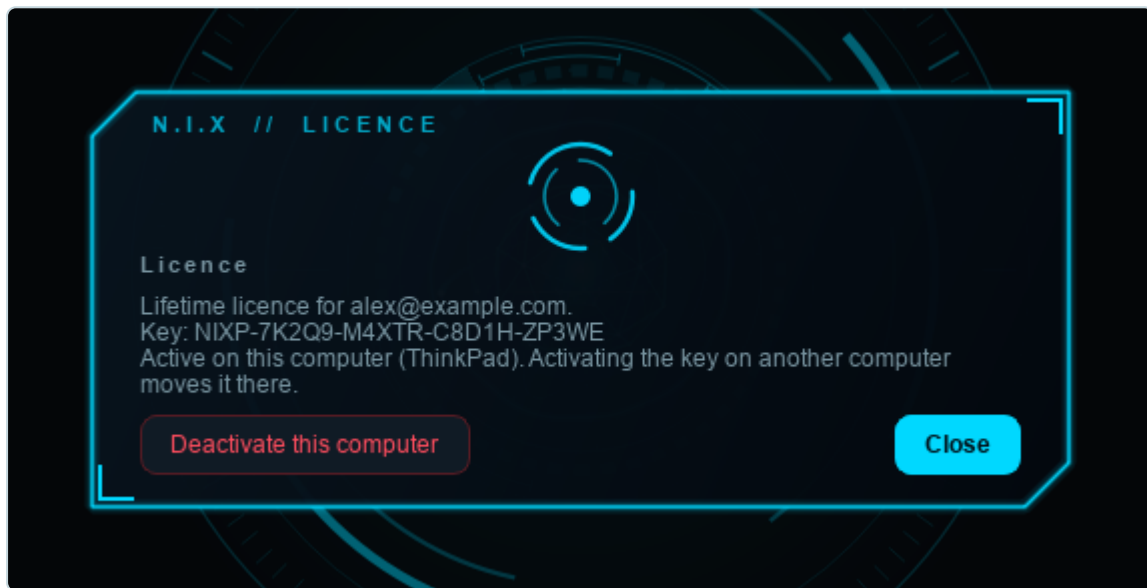


Figure: The licence on this computer (Admin panel → Licence).

Starting NIX

Every time NIX starts, it runs a **secure boot**: real checks of this computer and of NIX itself, shown on screen and (optionally) read aloud. NIX opens only when every check has run and the critical ones have passed.



Figure: The secure boot - each line is a real test: processor, memory, storage, power, network, microphone, speaker, core components, library versions, local AI, memory banks, security and the connection to NIX's AI service.

- **Nothing can skip the boot.** Clicks and keys are ignored while the checks run - this is deliberate.
- A yellow **WARN** line is explained in plain words underneath (for example a slow network). NIX still starts.
- A red **FAIL** in a critical check (configuration, core components or security) stops the start.

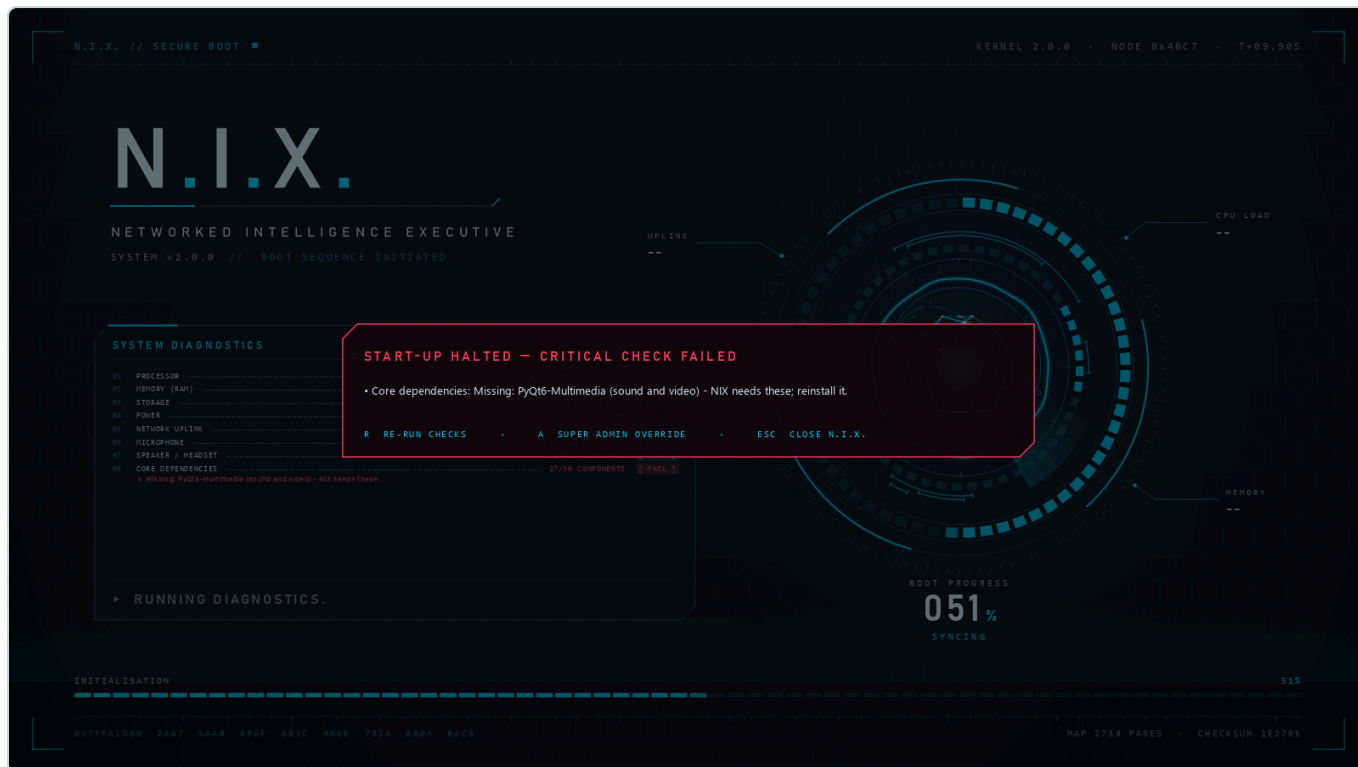


Figure: Start-up halted: a critical check failed. R re-runs the checks, Esc closes NIX.

Signing in

An activated NIX then asks who you are. Type the 6-digit code from your authenticator app (or one of your recovery codes) and click **Sign in** - NIX loads for you and stays signed in until it closes or you sign out.

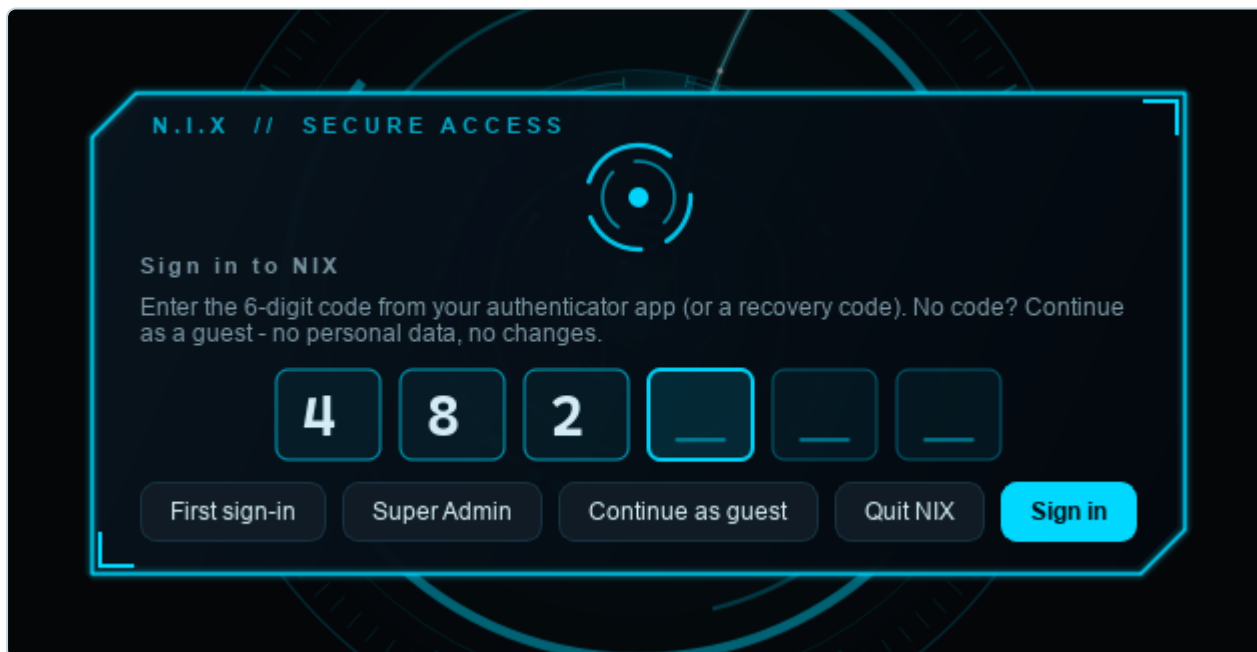


Figure: The sign-in screen: your code, First sign-in, Continue as guest or Quit NIX.

- **Continue as guest** - no code? Use NIX as a guest until it closes: general help, nothing personal, no changes. The next start asks for a code again.
- **First sign-in** - shown when an Admin has added you and you haven't set up your app yet (see Signing in).
- **Quit NIX** - closes NIX.

If nobody can sign in yet (the sign-in was skipped in Setup, or NIX was activated later), the screen offers **Create your sign-in**: type your name, scan the QR code with your authenticator app and type its code. You become this PC's Admin.



Figure: Creating the first sign-in on the sign-in screen.

The first Admin

The first person to set up a sign-in on an activated NIX becomes its **First Admin** - normally in Setup's **Your sign-in** page, otherwise on the sign-in screen the first time NIX opens (**Create your sign-in**):

1. Type your name.
2. Scan the QR code in Google or Microsoft Authenticator (or type the setup key).
3. Type the 6-digit code and click **Confirm**.
4. Save the 8 recovery codes somewhere safe - each signs you in once if the phone is lost.

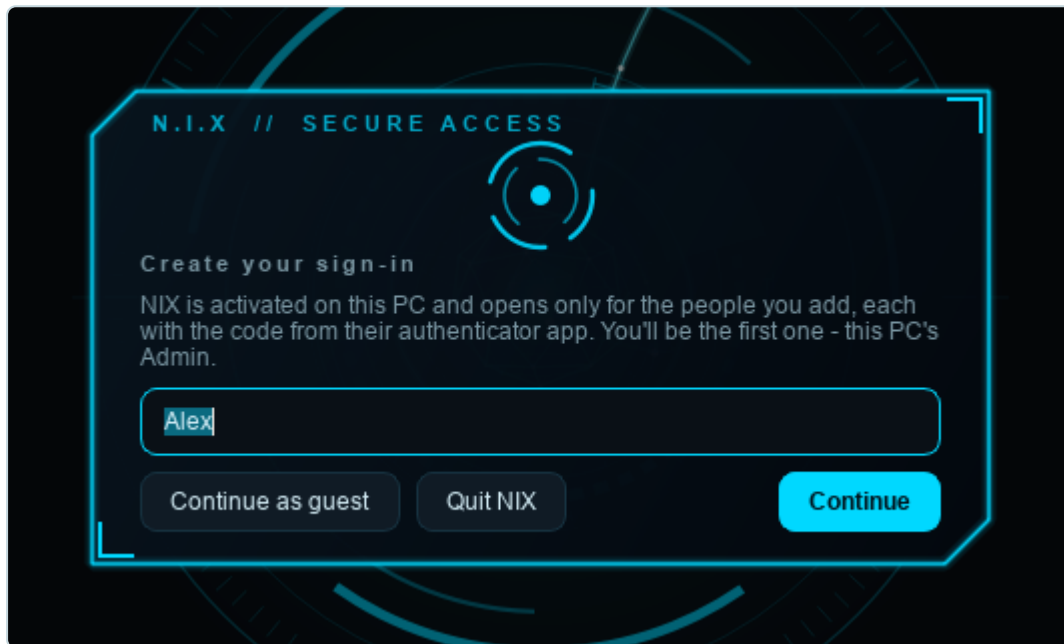


Figure: Create your sign-in: the first person becomes this PC's Admin.



Figure: Adding NIX to the authenticator app.



Figure: Recovery codes are shown once.

From then on, NIX asks for your code every time it opens, and you stay signed in until NIX closes or you sign out (click your name in the terminal → **Sign out**). The same panel's **Sign-in** section shows how many recovery codes you have left, makes **New recovery codes**, and **moves your sign-in to a new phone**. Every person can do the same for their own sign-in.

People

Adding a person

1. Sign in and click your name in the terminal to open the panel.
2. Under **People**, type the name, choose **Regular User** or **Admin** (the First Admin chooses either; other Admins add Regular Users) and click **Add person**.
3. NIX shows a **one-time code** - once. Give it to the person (in person or by message). They show as *awaiting first sign-in*.



Figure: The First Admin's panel: People - add Admins and Regular Users.

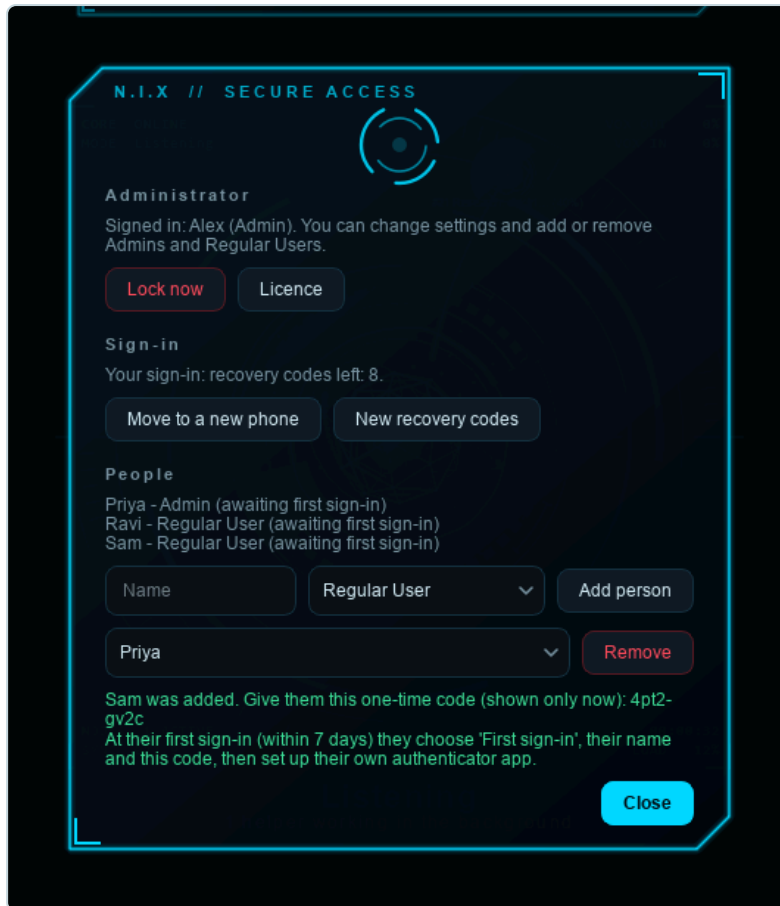


Figure: A person added: their one-time code is shown once.

Their first sign-in

Within **7 days**, the person clicks **First sign-in** on the sign-in screen, chooses their name, types the one-time code and gets the QR code to set up their own authenticator. They're signed in only when their app's code matches; from then on, only their authenticator's code (or a recovery code) works.



Figure: A new person setting up their authenticator at their first sign-in.

Only someone with the one-time code can make the first sign-in, and five wrong codes lock sign-in for a while. The code works once, within 7 days; it's never stored readable.

Removing a person

Pick the name under People and click **Remove**. The First Admin can remove Admins and Regular Users; other Admins remove Regular Users only. The First Admin can't be removed.



Figure: Another Admin's panel: Regular Users only.

Settings

Click SETTINGS (Admins). Every Admin sees General, Audio, Behaviour and Remote; the First Admin also sees AI providers.

Tab	What's there
General	The Gemini API key (kept in Windows' credential store), your name, how NIX addresses you, voice, accent and language.
AI providers <i>(First Admin)</i>	Extra AI service keys and which service handles which kind of task.
Audio	Microphone, speaker, interrupting NIX while it talks, pause before reply, camera.
Behaviour	Start-up briefing, idle check-ins, hardware warnings, automatic location, fast replies, performance mode, the approval timeout, and whether messages may be sent without asking.
Remote	The remote dashboard (control NIX from a phone or another PC on your network).

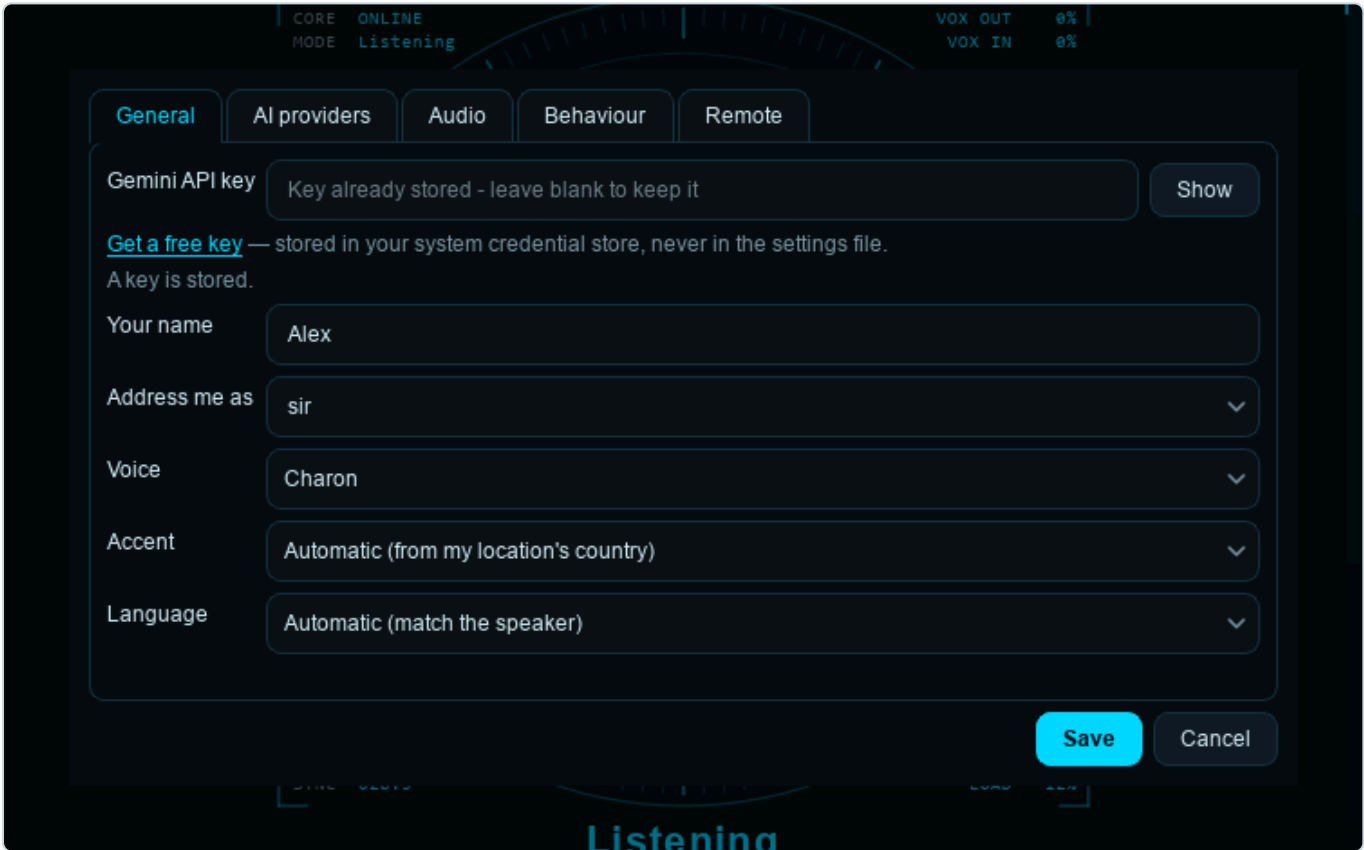


Figure: Settings - General.

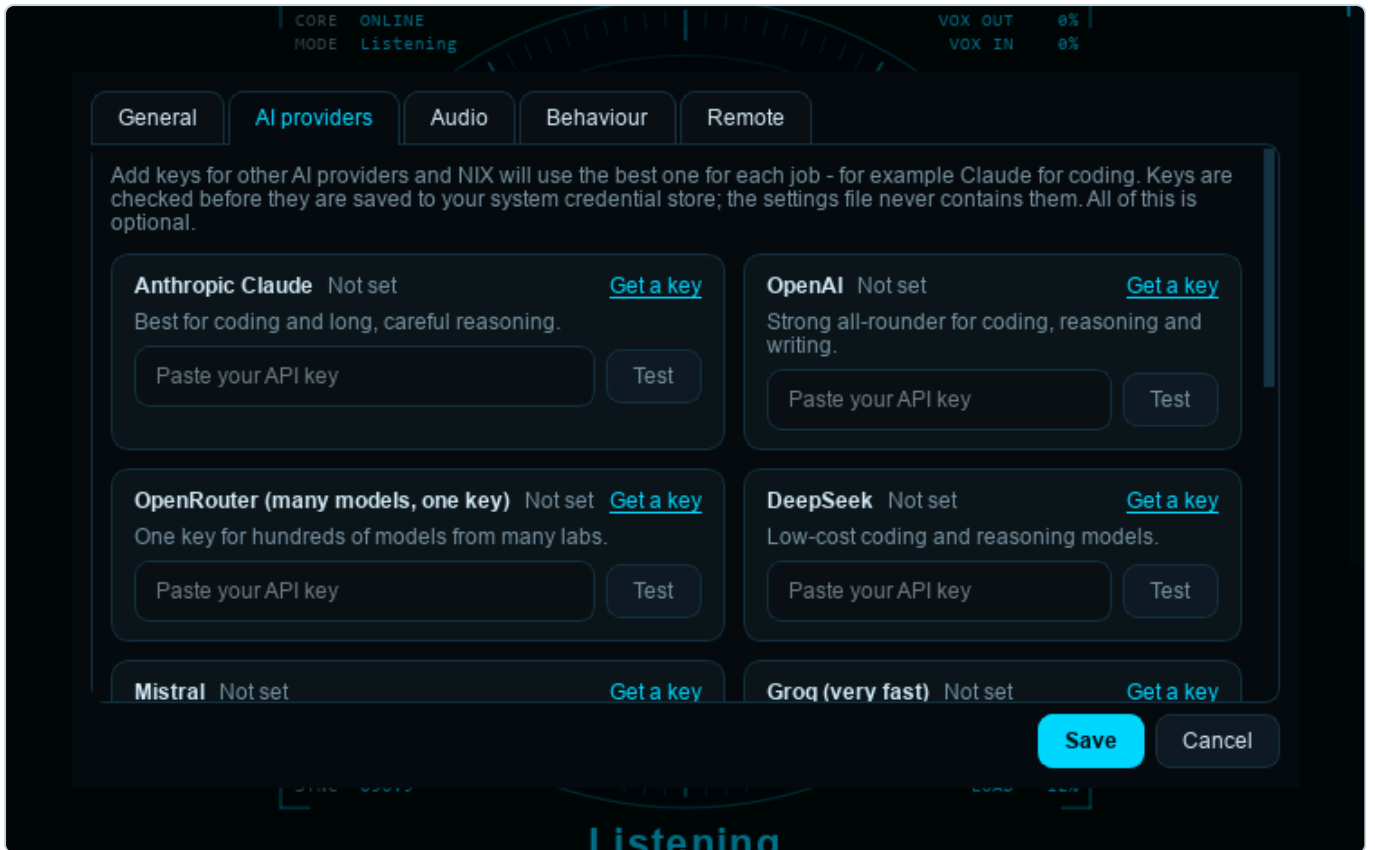


Figure: Settings - AI providers (the First Admin).

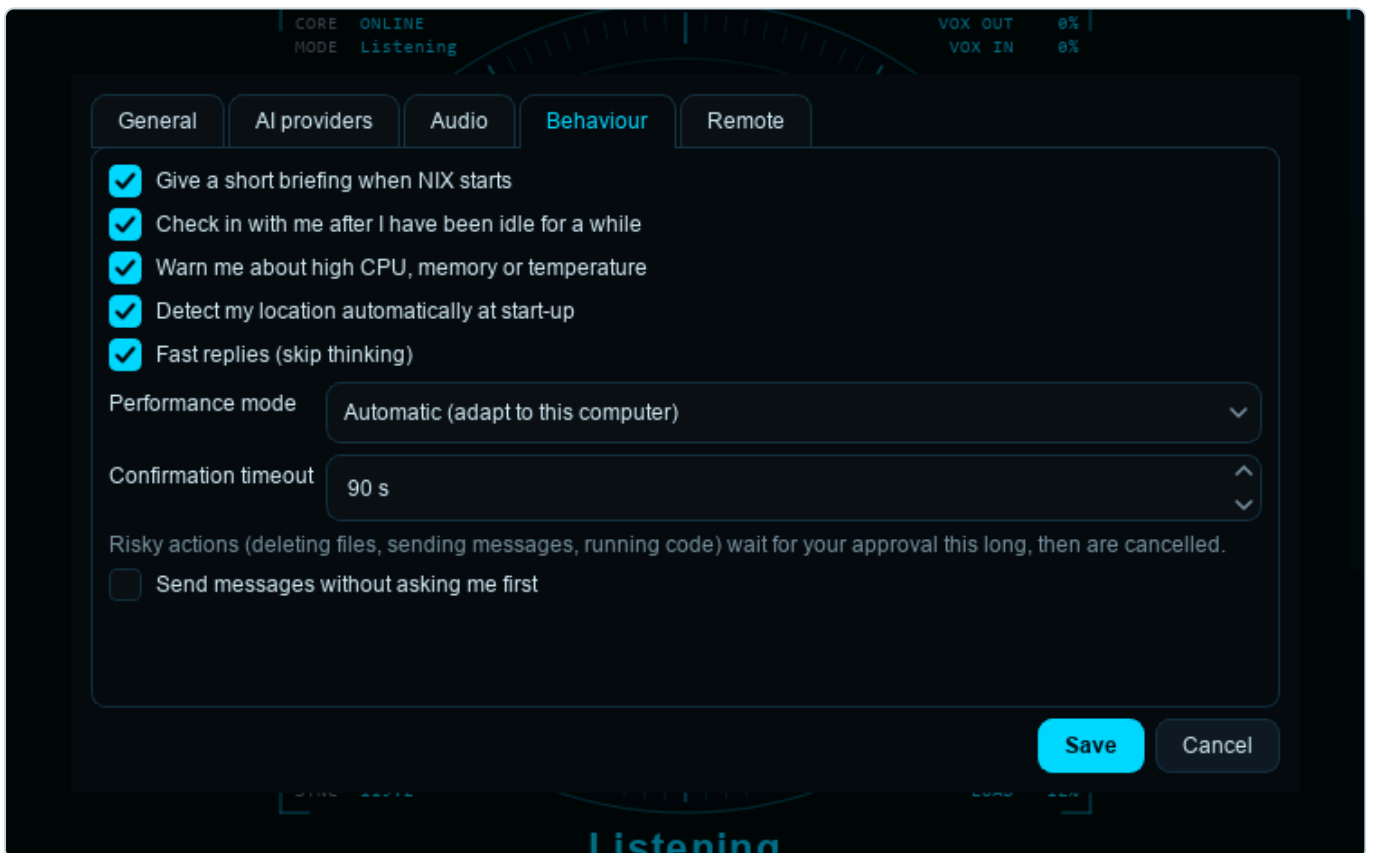


Figure: Settings - Behaviour.

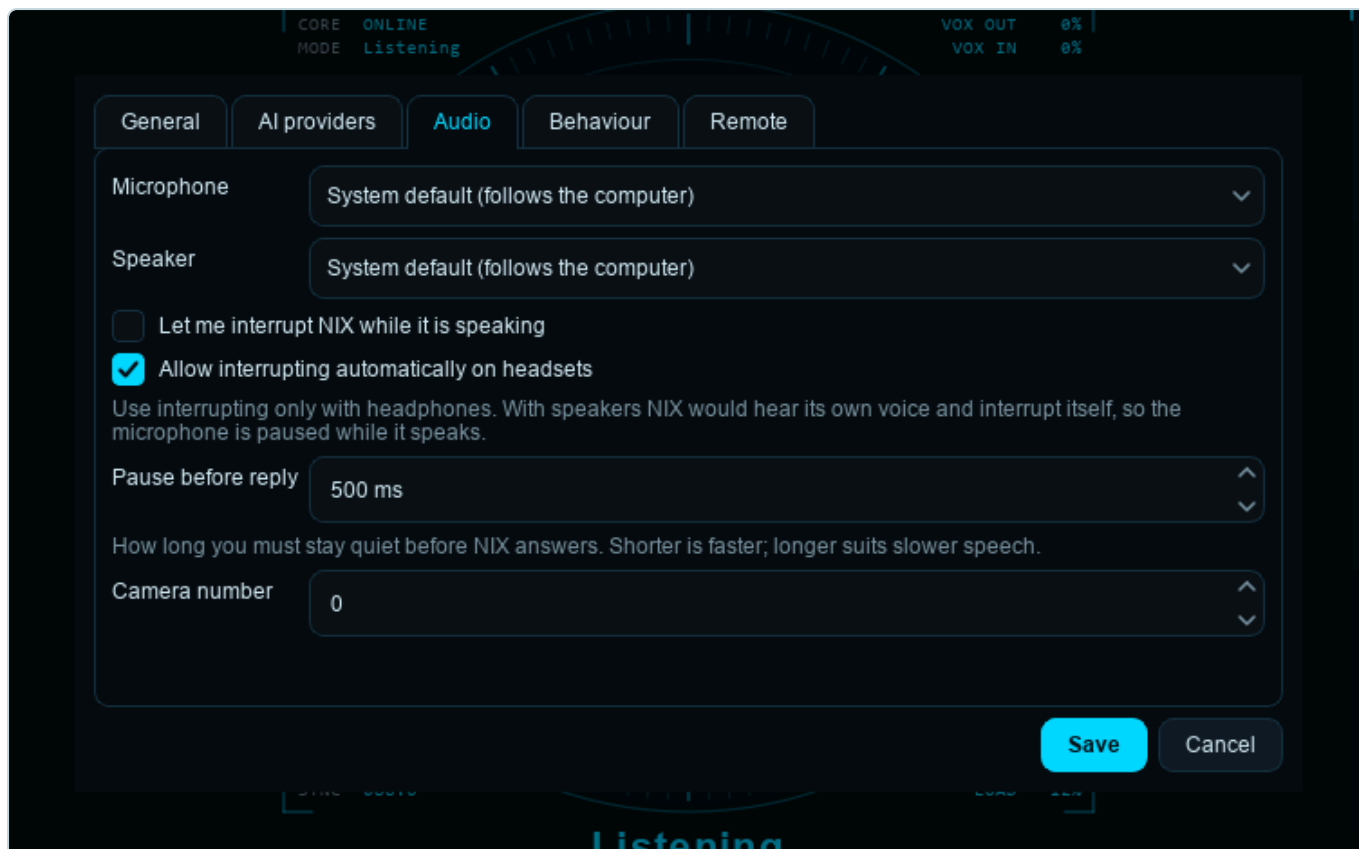


Figure: Settings - Audio.

Guest mode

Anyone can start guest mode ("guest mode on"), and anyone without a code can choose **Continue as guest** on the sign-in screen (for that session only). The owner's conversation leaves the screen; guests get no personal data and can't change anything - but they can always close NIX. Ending guest mode needs a code from a person's own authenticator, which also signs that person in.

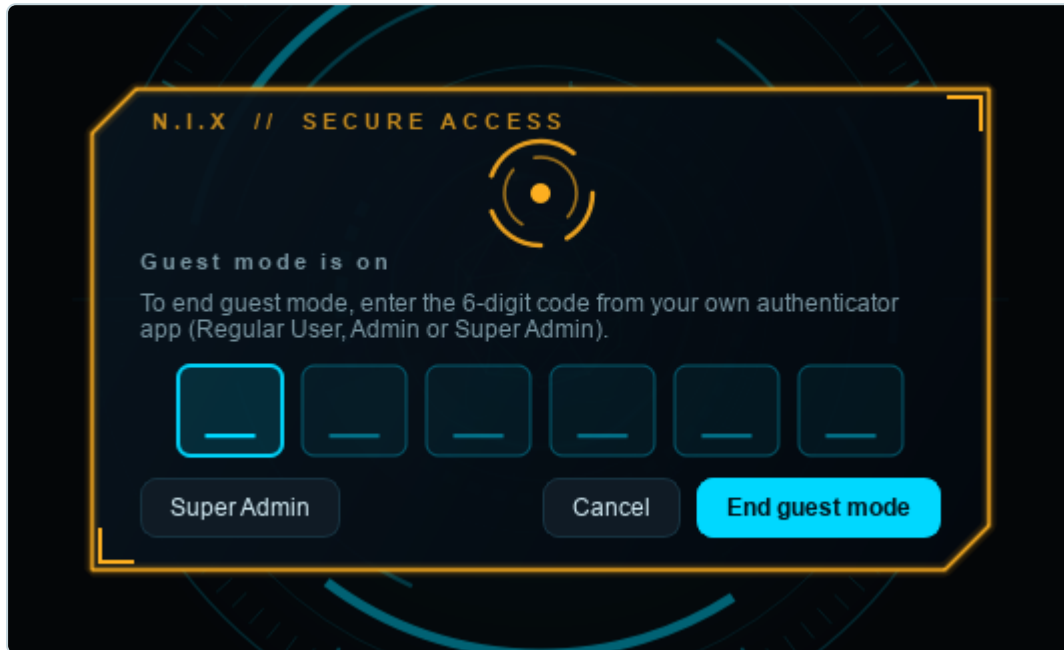


Figure: Ending guest mode needs a person's code.

Keeping NIX healthy

Backups

NIX backs up its own data weekly (memory, settings, reminders, calendar, voice profiles, custom cards - never passwords or keys). Say "back up NIX now" or "list the backups".

Requests from users

Users can report problems and request features ("tell the admin...").

Self-repair and updates

"Diagnose yourself" runs NIX's self-tests and reads its error log; "repair yourself" fixes what it can. Library updates are checked at start, installed after NIX closes, and kept only if the self-tests pass.

Start-up checks

If a critical boot check fails, NIX does not start: press **R** to run the checks again, or **Esc** to close NIX. If it keeps failing, reinstall NIX with NIX Setup - your data is kept.

Alerts and offline

Configure proactive alerts (meetings, important senders, battery, disk, quiet hours) by voice: "set quiet hours from 10 pm to 7 am". Manage the local AI ("download the local AI") and the second offline language.

The audit log

Every action is recorded in an append-only, hash-chained ledger; the boot verifies it each start and warns if it was altered.

Everything NIX can do

The full feature list your users have (Guests: general help only).

Everyday help

Say (or type)	What NIX does
<i>"What's the weather this weekend?"</i>	Weather now and up to 7 days ahead, for where you are or any city.
<i>"Read me the news"</i>	Today's bulletin - regional, national or international - read aloud; say "skip", "repeat" or "more details".
<i>"Remind me to call Mum at 6 pm"</i>	Reminders in plain language ("in 20 minutes", "Friday 9 am").
<i>"Search the web for the best e-bikes under 50,000"</i>	Searches, researches and compares, with sources.
<i>"Find flights from Hyderabad to Delhi next Friday"</i>	Searches Google Flights and reads the best options.
<i>"What time is it in London?"</i>	Time, date and time zones.

Music and video

Say (or type)	What NIX does
<i>"Play some lofi music"</i>	Plays inside NIX's own media deck - and keeps playing song after song until you say "stop".
<i>"Switch to the video"</i>	Swaps the audio for the video of the same song.
<i>"Next song / pause / louder"</i>	Controls playback and volume.
<i>"Play live news"</i>	A live news channel in the media deck.
<i>"Summarise this YouTube video"</i>	A written summary of a video, optionally saved to a file.

Your computer

Say (or type)	What NIX does
<i>"Open Spotify / close Chrome"</i>	Opens or closes any installed app.
<i>"Turn the brightness down / mute the volume / dark mode on"</i>	Computer settings and shortcuts.
<i>"How's my computer doing?"</i>	CPU, memory, disk, battery, network, temperatures and the busiest apps.
<i>"Organise my Downloads folder"</i>	Sorts files into folders by type or date - with undo.

<i>"Find my largest files on the D drive"</i>	Finds, moves, copies, renames and opens files and folders.
<i>"Convert this PDF to Word / compress this video"</i>	Reads and transforms documents, images, audio and video.
<i>"Crop this photo for Instagram"</i>	Edits images from a description - no Photoshop needed.
<i>"What's on my screen?"</i>	Looks at your screen (or webcam) and answers questions about it.
<i>"In Photoshop, remove the background"</i>	Works inside any app with the mouse and keyboard until the goal is done; Office, Adobe apps, GIMP and Blender can also be scripted.
<i>"Open a browser at the BBC"</i>	A web browser inside NIX; NIX can also browse and fill forms for you.

People and messages

Say (or type)	What NIX does
<i>"Any important email?"</i>	Checks, reads, summarises, replies to and files email (any provider).
<i>"What's on my calendar tomorrow?"</i>	Agenda, free time, adding and moving events (NIX, Google, Outlook, iCloud).
<i>"Send a WhatsApp to Priya saying I'm late"</i>	Prepares messages (WhatsApp, Telegram, email, Signal, Discord, SMS) - sent only after your approval.
<i>"Call Ravi"</i>	Calls and texts through your phone with the NIX Link app.
<i>"Upload the report to OneDrive"</i>	Shares one file you name - nothing leaves the PC otherwise.

Learning and work

Say (or type)	What NIX does
<i>"Teach my son English - he's 6"</i>	A patient tutor for any subject and level, including phonics and spelling games for children; progress is saved.
<i>"Write a Python script that renames my photos by date"</i>	Writes, explains, reviews, runs and fixes code.
<i>"Build me a small expense-tracker app"</i>	Plans and builds a complete small project.
<i>"Research electric scooters and write a comparison"</i>	A helper works on it in the background while you keep talking.
<i>"Connect to my server"</i>	SSH and SFTP with a terminal and file browser (like PuTTY / WinSCP).

Home

Say (or type)	What NIX does
<i>"Turn off the living-room lights"</i>	Smart-home devices through Home Assistant or Philips Hue.

"Update my Steam games tonight"

Lists, installs, updates and launches Steam and Epic games.

NIX learns you

Say (or type)	What NIX does
<i>"Remember that I prefer Celsius"</i>	Remembers your preferences and important facts - and forgets on request.
<i>"What do you know about me?"</i>	Lists everything remembered.
<i>"(asked every morning) Read me the news"</i>	After a few days NIX offers to do it automatically each day.
<i>"Learn my voice"</i>	Recognises who is speaking, to greet people by name (personalisation, not security).
<i>"Hide the vitals / make the uptime icon an hourglass"</i>	Customise the screen and the app deck.

Offline and alerts

Say (or type)	What NIX does
<i>"(no internet)"</i>	NIX keeps working with its local AI on this computer: answers, timers, apps, system tasks.
<i>"Also understand Hindi when offline"</i>	Adds a second offline language.
<i>"(automatic)"</i>	Speaks up about a meeting about to start, important new email, low battery or a nearly full disk - never during quiet hours.
<i>"Something's wrong with you / restart yourself"</i>	Checks its own logs and repairs itself; reports what it can't fix to the administrator.
<i>"Ask the admin to add a Spotify card"</i>	Passes problems and feature requests to the administrator.

Privacy and safety

- Nothing leaves this computer unless you ask for that specific thing (for example “upload this file”).
- Risky actions always wait for approval; NIX never sends a message, deletes or buys anything by itself.
- Passwords and keys are kept in Windows' credential store - never in NIX's files or on screen.
- Content from the internet or email can't give NIX orders: after reading outside content, NIX asks before acting.
- Every action NIX takes is written to a tamper-evident audit log.
- Guest mode hides everything personal from visitors - see the Guest Guide.