

Install AI Hardware Hub on Linux

About two minutes. For Debian 12+, Ubuntu 22.04+ and Raspberry Pi OS, on x86-64 and ARM64. You need a user with sudo.

1 · Install

Run in a terminal:

```
curl -fsSL https://mcpdevices.app/install.sh | sudo sh
```

This installs `/usr/local/bin/hub` and the `ai-hardware-hub` service, which starts now and after every reboot. It runs as an unprivileged system user with access to printers and serial ports only.

2 · Link it to your account

1. Run `hub claim`. A QR code and a link appear in the terminal.
2. Scan the QR code or open the link, then create your free account or log in.
3. With a ZPL label printer connected, the hub also prints the QR code on a label by itself.

3 · Add it to your AI

Any AI assistant or agent that supports MCP works: Claude, ChatGPT, Cursor and others.

1. After linking, the website shows your connector address: `https://mcpdevices.app/mcp`
2. In your AI app add a remote MCP server (in Claude: **Settings** → **Connectors** → **Add custom connector**), name it `Hardware` and paste the address.
3. Click **Connect**, log in to your AI Hardware Hub account and click **Allow**.
4. Ask: *"Print a test label on my Zebra."*

Your own software uses the REST API with an API key from your account page:

`mcpdevices.app/docs/api`

Good to know

- Status: `systemctl status ai-hardware-hub` · Logs: `sudo journalctl -u ai-hardware-hub -f`
- `hub devices` lists detected devices; `hub print --device <id> --test` prints a test label.
- Updates install by themselves. Uninstall: `sudo systemctl disable --now ai-hardware-hub`, then `remove /usr/local/bin/hub`.

Something not working?

- **A device is missing:** open the app (status page), click **Don't see your device, or something isn't working?**, pick the device and press **Ask for support**. We add new devices quickly.
- **Anything else:** describe it in the same place and press **Send to the developers**, or write to **`support@mcpdevices.app`**.
- **Label printers** must speak ZPL (most Zebra printers). EPL/CPCL printers are listed but cannot print yet.