



Hosting and deployment

Deploy on Railway

Deploy OpenClaw on Railway with a one-click template and finish setup in your browser. This is the easiest “no terminal on the server” path: Railway runs the Gateway for you, and you configure everything via the `/setup` web wizard.

) Quick checklist (new users)

1. Click **Deploy on Railway** (below).
2. Add a **Volume** mounted at `/data`.
3. Set the required **Variables** (at least `SETUP_PASSWORD`).
4. Enable **HTTP Proxy** on port `8080`.
5. Open `https://<your-railway-domain>/setup` and finish the wizard.

One-click deploy

Deploy on Railway

After deploy, find your public URL in **Railway** → **your service** → **Settings** → **Domains**.

Railway will either:

give you a generated domain (often `https://<something>.up.railway.app`),
or



use your custom domain if you attached one.

Then open:

>
`https://<your-railway-domain>/setup` – setup wizard (password protected)

`https://<your-railway-domain>/openclaw` – Control UI

What you get

Hosted OpenClaw Gateway + Control UI

Web setup wizard at `/setup` (no terminal commands)

Persistent storage via Railway Volume (`/data`) so config/credentials/workspace survive redeploys

Backup export at `/setup/export` to migrate off Railway later

Required Railway settings

Public Networking

Enable **HTTP Proxy** for the service.

Port: 8080

Volume (required)

Attach a volume mounted at:

`/data`

Variables

Set these variables on the service:

`SETUP_PASSWORD` (required)



`PORT=8080` (required – must match the port in Public Networking)

`OPENCLAW_STATE_DIR=/data/.openclaw` (recommended)

`OPENCLAW_WORKSPACE_DIR=/data/workspace` (recommended)

`OPENCLAW_GATEWAY_TOKEN` (recommended; treat as an admin secret)

Setup flow

1. Visit `https://<your-railway-domain>/setup` and enter your `SETUP_PASSWORD`.
2. Choose a model/auth provider and paste your key.
3. (Optional) Add Telegram/Discord/Slack tokens.
4. Click **Run setup**.

If Telegram DMs are set to pairing, the setup wizard can approve the pairing code.

Getting chat tokens

Telegram bot token

1. Message `@BotFather` in Telegram
2. Run `/newbot`
3. Copy the token (looks like `123456789:AA...`)
4. Paste it into `/setup`

Discord bot token

1. Go to <https://discord.com/developers/applications>
2. **New Application** → choose a name
3. **Bot** → **Add Bot**

4. **Enable MESSAGE CONTENT INTENT** under Bot → Privileged Gateway
 Intents (required or the bot will crash on startup)
5. Copy the **Bot Token** and paste into /setup
6. Invite the bot to your server (OAuth2 URL Generator; scopes: `bot`, `applications.commands`)

Backups & migration

Download a backup at:

<https://<your-railway-domain>/setup/export>

This exports your OpenClaw state + workspace so you can migrate to another host without losing config or memory.

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Deploy on Render >

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