

## # FortressPi Documentation

### ## Overview

FortressPi is a modular, secure, and portable web-based system for AI tools, dashboards, watchdogs, and system control.

### ## Setup Options

#### ### Option 1: APT Installation

```
sudo dpkg -i fortresspi-dashboard_2.0_all.deb
```

```
sudo dpkg -i fortresspi-diagnostics_1.0_all.deb
```

#### ### Option 2: USB / ISO

Use the provided `.iso`` or `auto_deploy_fortresspi.sh`` script.

### ## Modules Included

- GPT-4Free Web UI
- Admin Dashboard `/admin``
- Metrics & Service Tests
- Watchdog with auto-restart
- Webmin integration
- CLI Diagnostics Tool: `fortresspi``

## ## Security Recommendations

- Change admin password on first login
- Configure UFW to expose only required ports
- Use HTTPS for Webmin and Dashboard

## ## Maintenance & Update

Use CLI:

fortresspi status

fortresspi check-update

To rebuild:

./fortresspi\_local\_builder.sh

## ## FAQ

**\*\*Q:** How do I reset the dashboard admin password?

**A:** Run `reset\_admin.sh` from the dashboard folder.

**\*\*Q:** Does it work offline?

**A:** Yes, with pre-downloaded `.deb` and `.zip` files.

## # Changelog

## ## v2.0

- Added diagnostics CLI + dashboard tabs
- Integrated Appliance, APT repo, signed `.deb`
- New dark theme (dashboard)

## ## v1.0

- Initial core module system and deploy scripts