

# Installing RaspAP

## Quick Start

RaspAP gives you two different ways to get up and running quickly. The simplest approach is to use a [custom OS image](#) with RaspAP preinstalled. This option eliminates guesswork and gives you a base upon which to build. An alternative method is to execute the Quick installer on an existing [compatible OS](#).

## Custom OS

Custom Raspberry Pi OS Lite images with the latest RaspAP are available for [direct download](#). This includes both 32- and 64-bit builds for ARM architectures.

Distribution	Debian version	Kernel version	RaspAP version	Size
Raspberry Pi OS (64-bit) Lite	12 (bookworm)	6.6	Latest	777 MB
Raspberry Pi OS (32-bit) Lite	12 (bookworm)	6.6	Latest	805 MB

These images are automatically generated with each release of RaspAP and are made [available here](#). You may choose between an `arm64` or `armhf` (32-bit) based build.

After downloading your desired image, use a utility such as the Raspberry Pi Imager or [balenaEtcher](#) to flash the OS image onto a microSD card. Insert the card into your device and boot it up. The latest RaspAP release with the most popular components will be active and ready for you to configure.

## Quick installer

Alternatively, begin with a clean install of the latest release of a [supported Linux distribution](#). In the example below, [Raspberry Pi OS \(64-bit\) Lite](#) is used. Update your OS to its latest version, including the kernel and firmware, followed by a reboot:.

```
sudo apt-get update
sudo apt-get full-upgrade
sudo reboot
```

Set the WiFi country in `raspi-config`'s **Localisation Options**:

```
sudo raspi-config
```

Invoke RaspAP's Quick Installer:

```
curl -sL https://install.raspap.com | bash
```

The [Quick installer](#) will complete the steps in the [manual installation](#) for you. At the end of the install process, accept the prompt to reboot your system.

## Initial settings

After completing either of these setup options, the wireless AP network will be configured as follows:

- **IP address:** 10.3.141.1
- **Username:** admin
- **Password:** secret
- **DHCP range:** 10.3.141.50 — 10.3.141.254
- **SSID:** raspi-webgui
- **Password:** ChangeMe

It is strongly recommended that you change these default credentials in RaspAP's **Authentication** and **Hotspot > Security** panels.

Your AP's [basic settings](#) and many [advanced options](#) may now be modified by RaspAP.

## Supported Distributions

RaspAP was originally made for Raspberry Pi OS, but now also installs on the following Debian-based distros.

Distribution	Release	Architecture	Support
Raspberry Pi OS	(64-bit) Lite Bookworm	ARM	Official
Raspberry Pi OS	(32-bit) Lite Bookworm	ARM	Official

Distribution	Release	Architecture	Support
Raspberry Pi OS	(64-bit) Desktop Bookworm	ARM	Official
Raspberry Pi OS	(64-bit) Lite Bullseye	ARM	Official
Raspberry Pi OS	(32-bit) Lite Bullseye	ARM	Official
Armbian	23.11 (Jammy)	ARM	Beta
Debian	Bookworm	ARM / x86_64	Beta
Ubuntu	Server 23.04 (Lunar)	ARM / x86_64	Beta

Linux distributions  
Other distributions are unknown

You are also encouraged to try RaspAP's community-led [Docker container](#).