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Slackware 64bit AArch64 (ARM64) 'current' (development branch): Installation Documentation

This document lists the Hardware Models that are supported by Slackware AArch64.

These Hardware Models are installed using the regular Slackware Installer, which is the only method of properly installing Slackware.

Actively maintained support

Hardware Vendor	SoC	Hardware Model	Hardware Model Custodian(s)	Testing cadence	Installation Instructions
Pine64	RK3399	RockPro64	Slackware ARM team	Continuously	Instructions
Pine64	RK3399	PineBook Pro	Slackware ARM team	Continuously	Instructions
Element14	BCM2711	Raspberry Pi 4	Slackware ARM team	Continuously	Instructions

Work in Progress support

Hardware Vendor	SoC	Hardware Model	Hardware Model Custodian(s)	Testing cadence	Installation Instructions
SolidRun	LX2160A	HoneyComb LX2	Slackware ARM team	Continuously	Instructions

Infrequently validated support

The following Hardware Models have been known to work in the past but are rarely validated and it's recommended not to have high expectations, and perhaps consider using a different Linux distribution that actively test support for them.

The Raspberry Pi 3 is not supported due to the lack of RAM.

Hardware Vendor	SoC	Hardware Model	Hardware Model Custodian(s)	Testing cadence	Installation Instructions
~~Element14 | BCM2837 | Raspberry Pi 3 | A Hardware Model Custodian needs to be assigned | Rarely | The RPi4 documentation above can be followed for the most part.~~					

Mini root filesystems for unsupported Hardware Models

> These images are aimed at developers or those who are competent using Linux. There is zero documentation and support beyond any comments within the miniroot build script.

> Slackware is not designed to be installed from disc images - this is purely for developmental purposes

Whilst Slackware ARM officially supports a small number of Hardware Models, it is capable of running on many more.

Most of the time all that is required is:

- A custom kernel (or patches for mainline) for the Hardware Model
- Knowledge of how to build and work with the Hardware Model's boot loader

If the Hardware Model is popular, users of other distributions such as Debian, Gentoo and Ubuntu may have already succeeded in getting Linux running on one of these devices.

For experimentation, Slackware ARM provides mini root filesystem images of a minimal/base installation.

Please read the README file which has more details, and click here to download the root filesystem images.

These file systems were used to bootstrap the Slackware AArch64 port, with the miniroot (the Slackware OS) running from RAM.

The Slackware Installer is also a featureful environment and can be used in conjunction with the miniroot to help develop support for a new Hardware Model.

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