

v13.1

Updated to Linux 5.10.142

Updated to Clang 16.0

Tons more optimizations, fixes, efficiency improvements

1080p mode on Raven

USB fast charge

Fsync on/off

v13.0

Updated to Linux 5.10.138

Undervolting across the board - all clusters, screen, and gpu

More optimizations

v13.0_alpha

Fresh start off A13 source

Updated to Linux 5.10.137

Initial optimizations

Disable CFI, Shadow stack, Stackprotector, and a few other items

Android 13

v12.0_beta1

Updated to Linux 5.10.135

Various optimizations, updates, etc

v12.0_alpha2

Updated to Linux 5.10.114

Few more optimization, fixes, etc

v12.0_alpha1

Initial build - mostly just stock

Minor optimizations, fixes, tweaks

Start of Bluejay development

End of Bonito/Sargo development

v12.9

Updated to Linux 4.9.325
Built more with Clang and removed as much GCC as possible
Power efficient workqueue turned on globally - noticeable power savings
Various improvements, fixes, etc

v12.8

Updated to Linux 4.9.324
Tweaked boost settings
Various cleanups

v12.7

Updated to Linux 4.9.319

v12.6

Updated to Linux 4.9.317
Added back custom boost framework and settings
Other random optimizations

v12.5

Complete rebase from 12.1 source
Built with clang 14.0.7
Updated to Linux 4.9.312
Optimized for speed and efficiency

v12.4

Feb ASB
Updated to clang 14.0.2
Updated to Linux 4.9.300
Tweaked low memory killer settings

v12.3

Updated to clang 14.0.1
Updated to Linux 4.9.296

v12.2

Massive cleanup, rework, and simplification

- Redo of all optimizations and intensive testing of everything kept and added to ensure only the best possible performance
- Removal of tons of commits that either hurt or did nothing to improve usability and performance

Back to Clang 13.0.3 as it performs better for now
Update to December ASB
Update to Linux 4.9.290

v12.1

Complete rebase from fresh AOSP source
MVK optimizations, fixes, enhancements, and features from Android 11 + much more
Compiled using Clang 14.0 + LTO
Updated to Linux 4.9.289

MVK Android 11

v11.13.1

Revert some commits from v11.13

v11.13

Updated to Linux 4.9.285

Back to full LTO

Tons of optimizations, fixes, enhancements - significant performance improvements

Removed Wireguard - for now, but not a huge fan of a built in VPN

v11.12

Updated to clang 13.0.2

Updated to Linux 4.9.282

Removed LTO options - testing for now but initial results show better performance and battery

v11.11

Updated to August ASB

Updated to Clang 13.0.1

Updated to Linux 4.9.277

v11.10

Updated to Clang 13.0

Updated to Linux 4.9.274

Various build & compilation optimizations

v11.9

Updated to June ASB

Updated to Linux 4.9.271

Updated to Clang 12.0.6

Couple changes from S merge reverted - was causing slowdowns and high battery usage

v11.8

Updated to May ASB

Merged S preview source

Updated to Linux 4.9.268

Updated clang

v11.7

Update to Linux 4.9.264

Update to clang 12.0.4

Added back Wireguard

v11.6

Rebased to March ASB

Updated to Linux 4.9.258

Updated to clang 12.0.3

v11.5

Updated to Linux 4.9.254

Updated to clang 12.0.2

Added F2FS Magisk "fix"

v11.4

January ASB

Updated to Linux 4.9.250

Updated clang

Couple other minor tweaks

v11.3

Total rebuild from December source

Updated to Linux 4.9.248

Updated to Clang 12.0.1

Simplified everything and only adding things that offer definitive value

Highly optimized, efficient, lean kernel

v11.2

November security

Updated to Linux 4.9.241

Updated clang

Many more optimizations and efficiencies

v11.1

October security

Updated to Linux 4.9.238

Updated to clang 12.0

Performance optimizations

v11.0

Updated to Linux 4.9.235

Updated clang to newer 11.0.4

Readded safetynet changes so it will pass - not sure when these were removed

MVK Android-10

v10.27

August security

Updated to Linux 4.9.232

Updated to clang 11.0.4

Merged Android r-beta-2 source

v10.26

Updated to Linux 4.9.229

Clang updated to 11.0.3

Merge Android r-beta-1 source

v10.25

June security

Updated to Linux 4.9.226

Clang updates

Various improvements

v10.24

May security

Updated to Linux 4.9.221

Updated to clang 11.0.1

Remove LTO/CFI again

Misc build improvements

v10.23

April security

Updated to Linux 4.9.218

Updated clang to 10.0.6

USB fastcharge

Re-enabled LTO

Added Wireguard

Misc fixes and improvements

v10.22

Complete rework and simplification keeping things closer to stock

Proven performance and power efficiency commits added

Built with clang 10.0.4

Updated to Linux 4.9.215

v10.21

Updated to Linux 4.9.210

Various optimizations, fixes, enhancements

Tuned for more performance & battery life

Raised min brightness some

Added Wireguard

Headphone gain

v10.20 - rebase

Complete redo from fresh AOSP base

Built with latest AOSP clang from master branch (10.0.1)

Updated to latest Linux upstream source (4.9.208)

Tons of optimizations, fixes, power savings, etc

v10.19

Updated to December security

Updated to Linux 4.9.206

Tons more backports from 4.14

F2FS backports

Scheduler updates and optimizations

AOSP clang updates

v10.18

Updated to Linux 4.9.203

AOSP clang updates

Tons of optimizations, fixes, and efficiency commits

Backports from 4.14

Changed TCP to BBR

Wakelock blocker

v10.17

Built using clang 10.0.1

Updated to Linux 4.9.202

Headphone gain adjustments

v10.16

Updated to Linux 4.9.200

F2FS backports

More power savings changes

v10.15

Updated for November security

Various backports, fixes, and other changes

v10.14

Updated to Linux 4.9.198

Removed more tracing and debugging

Rom side changes that affect boot.img

v10.13

Back to Clang 9.0.8

Revert Polly optimizations

Added some LLVM optimizations

Remove some tracing and debugging

v10.12

Updated to Linux 4.9.197

Built with Clang 10.0.0

Polly optimizations

KLAPSE

More power savings commits

v10.11

Updated to Linux 4.9.196

Zram improvements

v10.10

Tons of scheduler backports

Change to BFQ I/O scheduler

Other misc cleanup, power saving, and fixes

v10.9 - rebirth

Complete rebuild from source

Built with clang 9.0.8 and using THINLTO

KCAL

Various efficiencies, optimizations, and fixes

v10.8

More optimization tuning
KLAPSE support
Adrenoboost options

v10.7

Return LTO and use THINLTO
Bunch more power efficiency changes
More F2FS backports
Update to Linux 4.9.193
Update to clang 9.0.7
Bunch more optimization changes
Misc fixes and improvements

V10.6

Really fix reboot issue?

V10.5

Fixed reboot issue?
Removed many upstream patches - will add some back later

v10.4

Continued tweaks to optimizations
Clang linker improvements and optimizations
Backlight dimmer
Bunch more backports
Updated to Linux 4.9.192

v10.3

Fixed screen freeze issue when AOD is selected
Cleanup and improve optimizations
Remove some scheduler commits that harm performance

v10.2

Tons of backports from upstream
Various performance and efficiency additions
More GPU and scheduler related commits
Misc cleanups, fixes, and improvements

v10.1

KCAL - hue, saturation, etc
F2FS backports
Various GPU related commits
Continued cleanup and optimization

v10.0 - Initial build

Linux 4.9.191
Built with clang 9.0.6
Optimized for speed and efficiency

Scheduler and other backports from upstream