

GENERAL

Manufacturer	Amazon
Model	KFTRPWI
Brand	Amazon
Resolution	1920x1200
Platform	mt8183
Android	9
API	28
Kernel	4.4.146+ #1 SMP PREEMPT Tue Jul 26 23:24:54 UTC 2022
Touchscreen	fts_ts (i2c 0-0038)
Accelerometer	stk8baxx (i2c 1-0018)
Als/ps	LIGHT
Charger	USE PMIC
PMIC	mt6370_pmu (i2c 5-0034)
Audio	rt551x (i2c 6-0057)
Other	usb_type_c (i2c 5-004e) unk28 (i2c 3-0028) unk3b (i2c 3-003b) unk53 (i2c 1-0053)
Wi-Fi	CONSYS_MT6771
RAM	4 GB

SOC

CPU	MT8183
Vendor	MediaTek
Cores	8
big.LITTLE	2 clusters
Clusters	4 x 1.99 GHz 4 x 1.99 GHz
Family	Cortex-A73 Cortex-A53
Mode	64-bit

Machine	aarch64
ABI	arm64-v8a
Instructions	fp asimd evtstrm aes pmull sha1 sha2 crc32
Revision	r0p2 r0p4
Clock speed	793 - 1989 MHz
GPU	Mali-G72 MP3
Vendor	ARM
OpenGL ES	3.2 v1.r14p0-01rel0.01e5c7ea2a98fd18e15a3ddbd079d568
Vulkan	1.0

SYSTEM

Manufacturer	Amazon
Model	KFTRPWI
Brand	Amazon
Android	9
API	28
Codename	Pie
Density	240 (hdpi)
Refresh rate	60.1 Hz
Device	trona
Product	trona
Board	trona
Build	PS7324.3016N
Java VM	ART 2.1.0
Security	01.01.2022
GPS	UNK / 0
Build type	user
Tags	amz-p,release-keys
Incremental	0024529062020
Fingerprint	Amazon/trona/trona:9/PS7324.3016N/0024529061888:user/amz-p,release-keys

Build date	26.07.2022
Google Play Services	22.36.16 (100400-476895098)
Builder	build@i3-ri-14-use1a-b-16-04-fos-187
Language	English (United States)
Timezone	Central Standard Time (CST)
Uptime	0 days 03:39

CAMERA

Supported	5.0 MP GalaxyCore gc5035_mipi_raw 5.0 MP GalaxyCore gc5035sec_mipi_raw 5.0 MP Hynix hi556_mipi_raw 5.0 MP Hynix hi556sec_mipi_raw 2.0 MP GalaxyCore gc02m1tr_mipi_raw 2.0 MP GalaxyCore gc02m1trsec_mipi_raw 2.0 MP OmniVision ov02b_mipi_raw 2.0 MP OmniVision ov02bsec_mipi_raw
SOFTWARE	
Camera	0 - BACK
Resolution	5.0 MP (2592x1944)
Aperture	f/2.4
Focal length	2.05 mm
Focal length (equivalent 35 mm)	24.3 mm
Focus modes	infinity, fixed
Sensor size	2.92x2.19
Diagonal	3.65 mm
Pixel size	~1.13 μm
Optical format	~1/4.38" (1/4.93")
Zoom	2.0x
Image formats	RAW_SENSOR, JPEG, YUV_420_888, YV12
Angle of view	83.4° (D) 70.9° (H)
Crop factor	11.9x
ISO	100-1600
Color filter	RGGB

Orientation	270
Flash	no
Camera	1 - FRONT
Resolution	2.0 MP (1600x1200)
Aperture	f/2.2
Focal length	2.27 mm
Focal length (equivalent 35 mm)	28.1 mm
Focus modes	infinity, fixed
Sensor size	2.8x2.1
Diagonal	3.5 mm
Pixel size	~1.75 µm
Optical format	~1/4.57" (1/5.14")
Zoom	2.0x
Image formats	RAW_SENSOR, JPEG, YUV_420_888, YV12
Angle of view	75.3° (D) 63.3° (H)
Crop factor	12.4x
ISO	100-1600
Color filter	RGGB
Orientation	90
Flash	no
Camera2 API	full

BATTERY

Level	72 %
Health	Good
Status	Discharging
Power source	Battery
Technology	Li-ion
Temperature	27.0 °C
Voltage	3921 mV

Charge speed	588.6 mA
Power profile	6500 mAh

NET

Connection	
IPv4	192.168.1.116
IPv6	fe80::dafb:d6ff:fe0c:6a2d
Link speed	65 Mbps
MAC	d8:fb:d6:0c:6a:2d
Frequency	2422 MHz
Channel	3
Signal	-49 dBm
Level	99 %
Wi-Fi	
Band 5 GHz	+
Wi-Fi Direct	+

INPUT

mtk-kpd id: 1 vendor: 9300 product: 25856 f0d2e427e7a05eb6d316f5e14800c5ac7b6aee79:24546500
mtk-tpd id: 2 vendor: 0 product: 0 touch: 1920x1200 84931e976ab60191371c1c95baf408538ca4c4c5:00000000
hall-sensor id: 3 vendor: 0 product: 0 f5e065ca35c951f762d11b4bd22005ed59a004a2:00000000
fts_ts id: 4 vendor: 0 product: 0 touch: 1920x1200 a1cc21cba608c55d28d6dd2b1939004df0e0c756:00000000
ACCDET id: 5 vendor: 0 product: 0 1c78f7e0d16d4dbc8d3ab93943523f379203f90b:00000000
amazon_touch id: 6 vendor: 0 product: 0 touch: 1920x1200

CODECS

OMX.google.aac.decoder	audio/mp4a-latm
OMX.dolby.ac3.decoder	audio/ac3
OMX.dolby.ac4.decoder	audio/ac4
OMX.google.amrnb.decoder	audio/3gpp
OMX.dolby.eac3.decoder	audio/eac3
OMX.dolby.eac3_joc.decoder	audio/eac3-joc
OMX.google.flac.decoder	audio/flac
OMX.google.g711.alaw.decoder	audio/g711-alaw
OMX.google.g711.mlaw.decoder	audio/g711-mlaw
OMX.google.mp3.decoder	audio/mpeg
OMX.google.opus.decoder	audio/opus
OMX.google.raw.decoder	audio/raw
OMX.google.vorbis.decoder	audio/vorbis
OMX.MTK.VIDEO.DECODER.AVC	video/avc
OMX.google.h264.decoder	video/avc
OMX.MTK.VIDEO.DECODER.H263	video/3gpp
OMX.google.h263.decoder	video/3gpp
OMX.MTK.VIDEO.DECODER.HEVC	video/hevc
OMX.google.hevc.decoder	video/hevc
OMX.MTK.VIDEO.DECODER.MPEG2	video/mpeg2
OMX.MTK.VIDEO.DECODER.MPEG4	video/mp4v-es
OMX.google.mpeg4.decoder	video/mp4v-es
OMX.MTK.VIDEO.DECODER.VPX	video/x-vnd.on2.vp8
OMX.google.vp8.decoder	video/x-vnd.on2.vp8
OMX.MTK.VIDEO.DECODER.VP9	video/x-vnd.on2.vp9
OMX.google.vp9.decoder	video/x-vnd.on2.vp9
OMX.google.aac.encoder	audio/mp4a-latm
OMX.google.amrnb.encoder	audio/3gpp
OMX.google.flac.encoder	audio/flac

OMX.MTK.VIDEO.ENCODER.AVC	video/avc
OMX.google.h264.encoder	video/avc
OMX.MTK.VIDEO.ENCODER.H263	video/3gpp
OMX.google.h263.encoder	video/3gpp
OMX.MTK.VIDEO.ENCODER.HEVC	video/hevc
OMX.MTK.VIDEO.ENCODER.MPEG4	video/mp4v-es
OMX.google.mpeg4.encoder	video/mp4v-es
OMX.google.vp8.encoder	video/x-vnd.on2.vp8

DEVICE FEATURES

amazon.alexamodeswitch
amazon.dolby_dax
amazon.hardware.voicedsp
amazon.service.amazon_logd
amazon.software.sim
amazon.speech.sim.aotjp
amazon.speech.wakeword
android.hardware.audio.output
android.hardware.bluetooth
android.hardware.bluetooth_le
android.hardware.camera
android.hardware.camera.any
android.hardware.camera.capability.manual_post_processing
android.hardware.camera.capability.manual_sensor
android.hardware.camera.capability.raw
android.hardware.camera.front
android.hardware.camera.level.full
android.hardware.ethernet
android.hardware.faketouch
android.hardware.location
android.hardware.location.network
android.hardware.microphone

android.hardware.opengles.aep
android.hardware.ram.normal
android.hardware.screen.landscape
android.hardware.screen.portrait
android.hardware.sensor.accelerometer
android.hardware.sensor.light
android.hardware.touchscreen
android.hardware.touchscreen.multitouch
android.hardware.touchscreen.multitouch.distinct
android.hardware.touchscreen.multitouch.jazzhand
android.hardware.usb.accessory
android.hardware.usb.host
android.hardware.vulkan.compute
android.hardware.vulkan.level
android.hardware.vulkan.version
android.hardware.wifi
android.hardware.wifi.direct
android.software.activities_on_secondary_displays
android.software.adoptable_storage
android.software.app_widgets
android.software.autofill
android.software.backup
android.software.cant_save_state
android.software.companion_device_setup
android.software.connectionservice
android.software.cts
android.software.device_admin
android.software.home_screen
android.software.input_methods
android.software.live_wallpaper
android.software.managed_users
android.software.midi

android.software.picture_in_picture
android.software.print
android.software.verified_boot
android.software.voice_recognizers
android.software.webview
com.amazon.feature.amazonprofileservice.getadultvalidatedstate_quirk
com.amazon.feature.atz_prediction_on_user_preference
com.amazon.feature.atz_prediction_on_wifi_connect
com.amazon.feature.atz_show_tz_change_notification
com.amazon.feature.directtexture
com.amazon.feature.liquiddetection
com.amazon.feature.recommendation_service
com.amazon.gamemode.alexaingame_mode
com.amazon.hardware.voicedsp
com.amazon.software.fireos
com.fireos.sdk.accessibility
com.fireos.sdk.adm
com.fireos.sdk.advertising_id_manager
com.fireos.sdk.alexamodeswitch_manager
com.fireos.sdk.alexasettings
com.fireos.sdk.amazon_activity_manager
com.fireos.sdk.amazon_app_settings
com.fireos.sdk.amazon_audio_manager
com.fireos.sdk.amazon_debugging_tools
com.fireos.sdk.amazon_device_policy_manager
com.fireos.sdk.amazon_display_manager
com.fireos.sdk.amazon_drop_box_manager
com.fireos.sdk.amazon_i18n_manager
com.fireos.sdk.amazon_input_manager
com.fireos.sdk.amazon_keyguard_manager
com.fireos.sdk.amazon_lockscreen
com.fireos.sdk.amazon_maps

com.fireos.sdk.amazon_media_codec_logger
com.fireos.sdk.amazon_metrics
com.fireos.sdk.amazon_moonlight
com.fireos.sdk.amazon_package_manager
com.fireos.sdk.amazon_power_manager
com.fireos.sdk.amazon_profile_service
com.fireos.sdk.amazon_remoteviews
com.fireos.sdk.amazon_speech_manager
com.fireos.sdk.amazon_statusbar_manager
com.fireos.sdk.amazon_usage_stats
com.fireos.sdk.amazon_user_manager
com.fireos.sdk.amazon_wifi_manager
com.fireos.sdk.amazon_window_manager
com.fireos.sdk.aspcclient
com.fireos.sdk.backup_and_restore
com.fireos.sdk.crashreportermanager
com.fireos.sdk.csf
com.fireos.sdk.dcpms
com.fireos.sdk.device_model_info
com.fireos.sdk.direct_texture
com.fireos.sdk.downloadmanager
com.fireos.sdk.fireos_core
com.fireos.sdk.fireos_display_power_controller
com.fireos.sdk.fireos_power_support
com.fireos.sdk.fireos_search_indexable_provider
com.fireos.sdk.fireos_system_ota
com.fireos.sdk.game_mode
com.fireos.sdk.h2contracts
com.fireos.sdk.h2shared
com.fireos.sdk.hardware_auth
com.fireos.sdk.i18nutilities
com.fireos.sdk.jackson

com.fireos.sdk.langpackage_client
com.fireos.sdk.mapclientlib
com.fireos.sdk.messaging
com.fireos.sdk.metrics
com.fireos.sdk.minerva
com.fireos.sdk.ota_contracts
com.fireos.sdk.package_recency
com.fireos.sdk.retaildemo
com.fireos.sdk.retaildemolibrary
com.fireos.sdk.shared_asset_storage
com.fireos.sdk.sics
com.fireos.sdk.smart_suspend
com.fireos.sdk.speech_mark
com.fireos.sdk.tcomm
com.fireos.sdk.thermal_event_manager
com.fireos.sdk.thermal_manager
com.fireos.sdk.usearchmanager
com.fireos.sdk.webviewext
com.fireos.sdk.whispersync
fireos.software.eve
fireos.software.eve.audio
fireos.software.eve.autotrace
fireos.software.eve.fluidity
fireos.software.eve.launch
fireos.software.eve.memory
fireos.software.eve.service
fireos.software.perfanr
middleware_asp

DEVICES

I2C:

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i2c-0:
0x38 fts_ts
i2c-1:
0x18 stk8baxx 0x53 unk53
i2c-3:
0x28 unk28 0x3b unk3b
i2c-5:
0x34 mt6370_pmu 0x4e usb_type_c
i2c-6:
0x57 rt551x

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