

List of UNISOC systems on chips

This is a list of **UNISOC** (formerly **Spreadtrum**) processors for use in feature phones, smartphones, tablets, laptops, smartwatches and other devices.

Feature phone processors

Model number ^[1]	Fab	CPU					GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices
		ISA	µarch	Cores	Freq. (MHz)	Cache					
SC6500 ^[2]	40 nm	ARM9	ARM9EJ-S	1	208	?	—	Integrated 32 Mbit pSRAM	GSM850/EGSM900, DCS1800/PCS1900, GPRS class 12	2011	List Samsung KeyStone3
SC6531 ^{[3][4]}			ARM926 EJ-S		312	?		Integrated 32/64 Mbit pSRAM up to 104 MHz			List Alcatel 20.51X (SC6531C) Energizer Power Max P20 (SC6531) Logicom Le Posh 178 (SC6531E) Itel Muzik 110 (SC6531E) Itel Signal 10 (King Signal in India) (SC6531E) Logicom Le Posh 180 (SC6531E) Nokia 110 (2019) (SC6531E) Nokia 6310 (2021) (SC6531F)
SC7701B ^{[5][6]}					460	32 KB L1 + 32 KB		LPDDR			GSM, quad-band WCDMA, HSDPA
SC9820E ^[7]	28 nm HPC+	ARMv8	ARM Cortex-A53	2	1300	?	Mali-T820 @384 MHz	LPDDR2 up to 533 MHz LPDDR3 up to 667 MHz	GSM, WCDMA, TDD-LTE, FDD-LTE	2018	
SC7731EF ^[8]	28 nm	ARMv7	ARM Cortex-A7	4	1300	?	Mali-T820 @600 MHz	LPDDR2/3 up to 533 MHz	GSM, EDGE, WCDMA, HSPA	?	
UIS8910FF ^[9]			ARM Cortex-A5		500	?		up to 104 MHz pSRAM	GSM, GPRS, LTE Cat.1 Bis	?	
T107 ^[10]			ARM Cortex-A7	1		?	—			2021 ^[11]	HMD Barbie, Nokia 2660 Flip, HMD 2660 Flip, Nokia 3210 (2024), Itel Magic X 4G, Itel Magic X Play 4G, Itel Super Guru 4G
T117 ^[12]	22 nm		ARM Cortex-A7		1000	?		LPDDR2	GSM, EDGE, WCDMA, HSPA, TDD-LTE, FDD-LTE	2020 ^[13]	Alcatel 3080G, Alcatel 3082X, Itel Magic X Pro 4G, Nokia 215 4G, Nokia 225 4G (2020)
T127			ARM Cortex-A7			?	?			2024 ^[14]	Crosscall Core S5, Doro Leva X10, Hammer Boost 2 LTE, Itel Neo R60+ 4G, Itel Super Guru 4G Max, Nokia 108 4G (2024)

Android Headunit Radio processors

Model number ^[1]	Fab	CPU (ARMv7)			GPU	NPU	RAM	Wireless radio technologies	Released	U c
		µarch	Cores	Freq. (GHz)						
UIS8581A	28 nm	4 + 4 cores (1.6 GHz Cortex-A55 + 1.2 GHz Cortex-A55)	8	1.6 x 4 1.2 x 4	PowerVR GE8322 @ 550 MHz	-	4, 6 or 8	Wi-Fi 802.11b/g/n, Bluetooth 4.2	2018	L E V X M T
UIS7862	12 nm	2 + 6 cores (2.0 GHz Cortex-A75 + 2.0 GHz Cortex-A55)	8	2.0	Mali-G52 MC2 (3EE) @ 850 MHz	0.5 TOPS	4, 6 or 8	Wi-Fi 802.11b/g/n/ac, Bluetooth 5.0	2020	L F 7 T C M M
UIS7870	6 nm	1 + 3 + 4 cores (2.7 GHz Cortex-A76 + 2.3 GHz Cortex-A76 + 2.1 GHz Cortex-A55)	8	2.7 x 1 2.3 x 3 2.1 x 4	Mali-G57 MC2 @ 850 MHz x 4	AX3596 8 TOPS	6, 8 or 12	Wi-Fi 802.11b/g/n/ac, Bluetooth 5.0	2024	L F 7 M D T

2G smartphone processors

Model number ^[1]	Fab	CPU (ARMv7)				GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices
		µarch	Cores	Freq. (GHz)	Cache					
SC6815 ^[15] SC6815A	40 nm	ARM Cortex-A7	1	1.2	L1: 32 KB + 32 KB, L2: 256 KB	Mali-400 MP1	Single-channel LPDDR2 333 MHz	Wi-Fi 802.11b/g/n, Bluetooth 4.0, GSM850/GSM900, DCS1800/PCS1900, GPRS Class 12, GPS, FM	2012	List Samsung Galaxy Star 2 Samsung Galaxy Star Advance
SC6820 ^[16]					?					
SC6821		ARM Cortex-A5		1.0	?		SDR/DDR SDRAM		2014	List Spice Fire One Mi-FX 1, Intex Cloud FX
SC6825 ^[17]				2	1.2	L1: 32 KB + 32 KB, L2: 256 KB	Mali-400 MP2		Single/dual-channel SDR/ LPDDR1/2	2012

3G smartphone and tablet processors

Model number ^[1]	Fab	CPU (ARMv7)				GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices		
		µarch	Cores	Freq. (GHz)	Cache							
SC5735A ^[18]	?	ARM Cortex-A7	4	1.2	L1: 32 KB + 32 KB L2: 512 KB	Mali-400 MP2	Dual-channel LPDDR1/2 or DDR3	2014	List DEXP Ursus NS370, Textet X-Pad Hit 7 3G, Text Quad 7 3G			
SC5735 ^[18]	?				Mali-400 MP4							
SC7715 ^[19]	?	28 nm HPm	1	1.2	L1: 32 KB + 32 KB L2: 256 KB	Mali-400 MP1	Single-channel LPDDR2 333 MHz	?	List Samsung Galaxy Ace NXT Samsung Galaxy Pocket 2			
SC7727S ^[20]	?		2		Single/dual-channel LPDDR2/3	?	List Samsung Z1, Samsung J120H					
SC7730A ^[21]	?		4		L1: 32 KB + 32 KB L2: 512 KB	Mali-400 MP2	Single/dual-channel LPDDR1/2/3	Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPS, FM, GSM, GPRS, EDGE Class 12, WCDMA, HSPA+, HSDPA	?	List Lenovo A1900(?)		
SC7730S ^[22]	?		1.3		Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPS, FM, GSM, GPRS, EDGE Class 12, WCDMA, HSPA+, HSDPA, HSUPA			?	List Samsung Z3, Samsung Galaxy Tab E Wifi (SM-T560) and 3G (SM-T561), Cherry Mobile Flare Y series (Flare Y3 mini), MyPhone my series (myA11i), BLU Advance L4, BLU C4			
SC7731C		28 nm HPm	1.2	1.2	Mali-400 MP1	Single/dual-channel LPDDR1/2/3	Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPS, FM, GSM, GPRS, EDGE Class 12, WCDMA, HSDPA, HSUPA	2014	List Cherry Mobile Omega Lite (2, 3 and 3c), Cherry Mobile Ace series (Ace 2 and Ace 3), Cherry Mobile Astro series (Astro 2 and Astro 3), Cherry Mobile Spin series (Spin TV, Spin 2 and Spin 3), Flare Lite series (Quad, 2, 2s, 3, 3s and 4), Flare Lite DTV, Cherry Mobile Flare J series (Flare J1, Flare J1 Plus, Flare J1 mini, Flare J1s, Flare J1 2017, Flare J2 DTV, Flare J2 Lite and Flare J2 mini), Cherry Mobile Flare P series (Flare P1 Lite and Flare P1 mini) and Flare S series (Flare S3 mini, Flare S4 mini, Flare S5 mini, Flare S5 mini DTV and Flare S6 mini), Cherry Mobile Rover 2, Itel A11, Itel A12, Itel A13, Itel P11, Itel P12, Itel it1516 Plus, Itel it1556 Plus, MyPhone my series (my28, my28s, my28s DTV, my73, my 81, my82, my82 DTV, myA3 and myX1), Firefly Mobile Sweet and Sweet Plus, Starmobile Play Five, BLU Advance 4.0 L2, BLU Advance 4.0 L3			
SC7731G ^[23]										1.3	Mali-400 MP2	List Archos 40 Access, Archos 45D Platinum, Archos 50C Neon, Archos 50D Neon, Archos Junior Phone, Archos 40d Titanium, Celkon 2 GB Star, Celkon 2 GB Xpress, Jinga A400, Jinga A502, Karbonn A7 Turbo, Kazam Trooper 451, Huawei Honor Bee (Huawei Y5c), Itel it1550 Vision Plus, SENWA Colossus S6000, Lava A48, Lava A50, Lava A502, Lava A51, Lava A55, Lava A59, Lava A67, Lava A68, Lava A73, Lava A79, Lava A82, BLU Advance 4.0 L3, BLU Advance 4.0M
SC7731E ^[24]												

										1, Itel A58 Lite, Itel A58 Pro (3G-Only), Itel A58, Itel S15, Itel S16, Itel S16 Pro (3G-Only), Itel S17, Cubot J10, Ulefone Note 6, Wiko Y51, Prestigio WIZE 4118 3G, Prestigio SmartKids BQ-5016G Choice, TP-Link Neffos A5, BQ-5518G Jeans, Wiko Y50, Wiko Jerry 4, DEXP A240, Prestigio Muze J5, Fly Life Geo, Digma Plane 8595 3G, DEXP Plane 7594 3G, Wiko Y70, BQ-7098G Armor, Symphony V141 Irbis SP542, Symphony i18, Digma Optima 8027 3G, DEXP Ursus S180, DEXP Ursus VA110, Nokia C1 2nd Edition, Nokia C10, ZTE Blade L8			
SC7735S ^[25]	40 nm									Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPS, GSM, GPRS, EDGE Class 12, WCDMA, HSPA+, HSDPA	?	List Samsung Galaxy Core 2 (SM-G355H), HTC Desire 700	
SC8735S ^[26]	?			1.2		Mali-400 MP4	Single/dual-channel LPDDR1/2/3			Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPS, FM, GSM, GPRS, EDGE, TD-SCDMA, HSPA+, WCDMA, HSPA(+)	?		
SC8810 ^[27]	40 nm	ARM Cortex-A5	1	1.0	?	Mali-400	Single/dual-channel DDR1			Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPS, FM, GSM, GPRS Class 12, EDGE, TD-SCDMA, TD-HSPA	?	List Samsung Galaxy Young 2 (SM-G130), Samsung Galaxy Star (GT-S5282) 2014	
SC8825 ^[28]	?		2		L1: 32 KB + 32 KB		Single/dual-channel LPDDR1/2			GSM, GPRS, EDGE, TD-SCDMA, HSDPA, HSUPA, HSPA+	?	List Lenovo A390t	
SC8830 SC8830A ^[29]	28 nm HPm	ARM Cortex-A7	4	1.2		Mali-400 MP2	Single/dual-channel LPDDR1/2/3			Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPS, FM, GSM, GPRS, EDGE, TD-SCDMA, HSPA+	?	List Samsung J2 Pro (2016), A398T+, A238t, Samsung Tab 3 Lite VE (SM-T113), Samsung Galaxy Tab E (SM-T561), Samsung Galaxy Grand Neo Plus (GT-I9060I), Selecline 870712/MID5016, Senseit A109, Intex Aqua Joy	
SC8831G ^[30]				1.4	L1: 32 KB + 32 KB L2: 512 KB								
SC8835S ^[31]				1.2		Mali-400 MP4							

4G smartphone and tablet processors

Model Number	Fab	CPU				GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices					
		ISA	µarch	Cores	Freq. (GHz)										
SC9830A	28 nm HPm	ARMv7-A	ARM Cortex-A7	4	1.5	Mali-400 MP2 @ 512 MHz	Single/dual-channel LPDDR1/2/3	GSM Multi-Mode, WCDMA/TD-SCDMA/LTE, Bluetooth 4.0, WiFi 802.11b/g/n, GPS, FM	?	List LYF Flame 7, LYF Flame 7s, Philips S326, Xolo Era 4G					
SC9830					1.2	Mali-400 MP2			Q4 2015	List Samsung Z2, Samsung Galaxy J1 mini Prime, Samsung Galaxy J3 (2016)					
SC9832A					1.3	Mali-400 MP2 @ 512 MHz			2016	List Archos Access 40, Micromax Bharat 2, Intex Aqua A4, Intex Aqua Amaze+, Intex Aqua Lions 4G, Intex Aqua Lions E3, Intex Aqua Lions T1 Lite VR, Intex Aqua Pro 4G, Intex Aqua Craze 2, Intex Aqua S3, Intex Aqua Selfie, Intex Aqua Strong, Intex Aqua Style III, InFocus A1, itel PowerPro P41, Ivoomi V5, I Kall K2, I Kall K3, Voto V2, Voto V2i, Karbonn Smart K9 Yuva, Karbonn Smart K9 Grand, Swipe Konnect Power, Lenovo K320t, Leagoo Z7, Xolo Era 1X, Xolo Era 1X Pro, Xolo Era 2, MyPhone my29s, Evercross Xtream 1, Evercross Xtream 1 Pro					
SC9850					1.4	Mali-T820 MP1			2018	List Cherry Mobile Flare A1 Roam, Evercross Xtream 2 Pro, Maxwest Gravity 5 GO					
SC9850k ^[32]					1.4	Mali-T820 MP1			2018	List Advan i7U, Advan S5E Full View, Archos Alba 6, Coolpad Mega 5A, Coolpad N3C, Evercross Xtream 1 Plus, Evercross Xtream 1 Prime, Intex Elyt Dual, Lenovo K320t, SPC L53 Selfie, Symphony Roar V150, True Smart 4G GEN C 5.5, Ziox Duopix F9 Pro					
SC9832E ^[33]					ARMv8-A	ARM Cortex-A53			1.4	Mali-T820 MP1 @ 680 MHz (10.8 GFLOPS in FP32)	LPDDR2 @ 533 MHz LPDDR3 @ 666 MHz	2018	List Advan G5 Elite, Advan NASA, Advan NASA Plus, Advan NASA Pro, Advan S5E, Advan Tablet Belajar 7, Starmobile Play Click LTE, Micromax Spark Go, Meizu C9 Pro, Archos Access 57 and 50 S, MyPhone myX11 Plus, Inoi 2, HTC Wildfire E Star, Nokia C2, Samsung Galaxy J2 Core 2020, Cherry Mobile Flare Y5, Cherry Mobile Flare S8 Mini, Evercross Xtream 1 Mini, Evercross Xtream 2, itel A23, itel A23 Pro, itel A23S, itel A25, itel A25 Pro, itel A26, itel A27, itel A47, itel A48, itel A49, itel A58 Pro (4G-Only), itel A60, itel P17 Pro (4G-Only), itel Vision 1 Pro, Lava Z40, ZTE Blade A3 (2019), ZTE Blade A31 Lite		
SC9860					16 nm FFC					8	2.0	Mali-T880 MP4		?	

SC9860GV			4 + 4	2.0 + 1.25			TD-LTE / FDD LTE / TD-SCDMA / WCDMA / EGG LTE Category 7 (DL:300 Mbit/s., UL:100 Mbit/s)	?	
SC9863 ^[34]	28 nm HPC+	ARM Cortex-A55	8	1.6 + 1.2	PowerVR GE8322 @ 550 MHz		LTE Cat 7 (TDD-LTE / FDD-LTE / TD-SCDMA / WCDMA / EGG)	Q1 2019	List Coolpad Cool 3, Blackview Tab 8E
SC9863A ^[35]						LPDDR3/4/4X @ 933 MHz		Q4 2019	List Blu Vivo series (XL5, X6), Blu G series (G5, G6 and G8), Gionee F8 Neo, Gionee F9, Gionee F9 Plus, Gionee F10, Gionee F11, Gionee Max, Gionee Max Pro, Alcatel 1V, Alcatel 1S, Alcatel 1SE, Gigaset GS110 and GS195, Advan G3 Pro, Advan Tab Sketsa, Advan Tab 8 Belajar, Advan G5, Advan G9, Advan G9 Perfecto, Advan G9 Plus, Advan G9 Pro, Advan i6C, BLU C9, BLU G35, BLU G44, BLU G44+, BLU J12, BLU K2, Evercross Terra S6, Evercross M6A, Evercross M6, Evercross Xstream 2 Plus, Evercross Xstream 2 Prime, HiSense H30 Lite, HiSense V5, HTC Wildfire E, Wiko View 3 Lite, Wiko Y80, Archos Oxygen 57, Archos Oxygen 63, Doogee N10, Haier i6 Infinity, Panasonic Eluga U3, Cherry Mobile Flare S8 Deluxe, Cherry Mobile Flare Tab Pro, MyPhone my series (myX12 and myX11 Pro), Teclast P10S/P10HD/P20HD, Teclast P80X, Multilaser G series (G, G Max and G Pro), itel A05s, itel Aura 05i, itel A46, itel A49 Play, itel A60s, itel P36 Play, itel P36 Pro LTE, itel P37 Pro, itel P38 Pro (4G-Only), itel P40, itel Pad 1, itel S15 Pro, itel S16 Pro (4G-Only), itel S18, itel Vision 1, itel Vision 1 Plus, itel Vision 2, itel Vision 2 Plus (https://www.bdprice.net/product/itel-vision-2-plus/), itel Vision 2s, itel Vision 3, itel Vision 3 Plus, itel Vision 3 Turbo, itel Vision 5, <u>Lenovo A7</u> (https://www.yugatech.com/news/lenovo-launches-a7-with-a-unisoc-chipset-and-removable-battery/), Lenovo K13, Lava Bold N1 4G, Lava Z61 Pro, Lava Yuva Smart, Lava Yuva Smart 2, Lava Yuva Star, Lava Yuva Star 2, LG W20, Samsung Galaxy A03 Core, Realme C11 (2021), Realme Narzo 50i, Realme C30s, Infinix Smart 5 Pro, Infinix Smart 6, Infinix Smart 7, Nokia C3, Nokia C01 Plus, Nokia C12, Nokia C12 Pro, Nokia C20, Nokia C20 Plus, Nokia C21, Nokia C21 Plus, Nokia C22, Nokia C30, Nokia C31, Nokia C32, Tecno Pop 5 LTE, Tecno Pop 7, Motorola Moto E6i, Motorola Moto E7i Power, Ulefone Note 6P, Ulefone Note 10, Ulefone Note 12P, LG W10 Alpha, Blackview A70, Blackview BV4900S, Blackview BV6600E, Blackview Tab 8, TCL L10 Pro, Coolpad Cool 3, Coolpad Cool 10A, Coolpad CP12, Coolpad CP12 Neo, Coolpad CP12 Neo+, Yezz Art 2 Pro, ZTE

											Blade A5 (2019 & 2020), ZTE Blade A7S (2020), ZTE Blade A31, ZTE Blade A31 Plus, ZTE Blade A51, ZTE Blade A52, ZTE Blade A71, ZTE Blade A72, ZTE Blade V10 Vita
SC9853 ^[36]	14 nm FF	x86-64	Intel Airmont	8	1.8	Mali-T820 MP2		LTE Cat 7 (TDD-LTE / FDD-LTE / TD-SCDMA / WCDMA / EGG)	2017	List Leagoo T5C	
SC9861G-IA ^[37]					8	2.0	PowerVR GT7200		LTE Cat 7 (TDD-LTE / FDD-LTE / TD-SCDMA / WCDMA / EGG)	Q2 2017	
Tiger T310	12 nm FF TSMC	ARMv8.2-A	ARM Cortex-A75	1	2.0	PowerVR GE8300 @ 800 MHz (25.6 GFLOPS in FP32)	LPDDR3 @ 933 MHz LPDDR4/LPDDR4X @ 1333 MHz	(TDD-LTE / FDD-LTE / TD-SCDMA / WCDMA / CDMA / GSM)	Q2 2019	List Hisense F30S, Advan Sketsa 2, Meizu M10, Meizu M10s, UMIDIGI A11s, UMIDIGI A13S, UMIDIGI Bison X10G, UMIDIGI X10S, BlackView A50, UMIDIGI Power 5s, UMIDIGI Power 7s, Blackview Tab 6, BlackView Tab 7, BlackView A70 Pro, DEXP A555, BQ-5765L BQ-6868L, BLU G34, BLU G40, Oukitel C25, Cubot KingKong 6, Cubot Pocket, Ulefone Note 10P, Ulefone Note 12 Dooge S35T	
			ARM Cortex-A55	3	1.8						
Tiger T603 / T7100	28 nm		ARM Cortex-A75	2	1.8	PowerVR GE8322	LPDDR4/LPDDR4X	LTE (TDD-LTE / FDD-LTE / WCDMA / CDMA / GSM)	Q4 2023	List BlackView Flat 2C, BlackView Wave 9C, Itel A50, Itel A50C, Itel A70, Itel A70 Pro, Itel A80, Itel A90, Itel A90 Special Edition (Limited Edition in India), Itel A100C (A100 in India), Itel A100CS (A100 Pro in India), Itel Zeno 10, Itel Zeno 20, Itel Zeno 20 Max, Itel Zeno 100, Xiaomi Redmi A3x	
			ARM Cortex-A55	6	1.2						
Tiger T606 / T7200 (UMS9230)	TSMC 12 nm FF		ARM Cortex-A75	2	1.6	Mali-G57 MC1 @ 650 MHz (41.6 GFLOPS in FP32)	LPDDR4X @ 1600 MHz	(TDD-LTE / FDD-LTE / TD-SCDMA / WCDMA / CDMA / GSM)	Q3 2021	List Motorola Moto E20 (https://cellphonepriceinusa.com/motorola-moto-e20/), Samsung Galaxy A03, Tecno Spark 8C, Tecno Spark 10C, Coolpad C16, BLU G64, BLU G64L, Nokia G11, Nokia Nokia G11 Plus, Nokia G21, Nokia G22, itel P40+, itel P55, itel P55+, itel P55T, itel P65C, itel Pad 2, itel S18 Pro, itel S23, itel Vision 5 Plus (https://www.gadgetsinfo.live/itel-vision-5-plus/), itel VistaTab 10, itel VistaTab 30, Lava O3 Pro, Lava Yuva 3, Luna V6, ZTE Blade V40 Vita	
			ARM Cortex-A55	6							
Tiger T610 (UMS512)			ARM Cortex-A75	2	1.8	Mali-G52 MC2 (3EE) @ 614.4 MHz (58.9 GFLOPS in FP32)	LPDDR3 @ 933 MHz LPDDR4/LPDDR4X @ 1600 MHz		Q4 2019	List Hisense A5 CC, Hisense Q5, Honor Play 20, Honor Play 5T, Realme C21Y, Realme C25Y, Micromax IN 2B (https://micromaxinfo.com/product_landing?id=121#specifications), Nokia T20 (https://www.nokia.com/phones/en_int/nokia-t-20), Blackview Tab 9	
			ARM Cortex-A55	6							
Tiger T612 / T7225 (UMS9230H)			ARM Cortex-A75	2	1.8	Mali-G57 MC1 @ 650 MHz (41.6 GFLOPS in FP32)	LPDDR3 @ 933 MHz LPDDR4/LPDDR4X @ 1866 MHz		Q1 2022	List Realme C30, Realme C31, Realme C33, Realme Narzo 50A Prime, Realme Narzo 50i Prime, Realme Narzo N53, Realme C53	
			ARM Cortex-A55	6							
Tiger T615 ^[38] / T7250 (UMS9230E)			ARM Cortex-A75	2	1.8	Mali-G57 MP1 @ 850 MHz (54.4 GFLOPS in FP32)	LPDDR3 @ 933 MHz LPDDR4/LPDDR4X @ 1866 MHz		Q3 2024	List HMD Luma, Itel A100, Itel A200, Itel A200+, Itel P65, Itel Power 80, Itel City 100, Itel VistaTab 11, Itel VistaTab Go, Itel Zeno 200, Xiaomi Poco C71, Tecno	
			ARM Cortex-A55	6	1.6						

Tiger T616 / T7255 (UMS9230T)		ARM Cortex-A75	2	2.0	Mali-G57 MC1 @ 750 MHz (48 GFLOPS in FP32)	LPDDR4X @ 1866 MHz
		ARM Cortex-A55	6	1.8		
Tiger T618 (UMS512T)		ARM Cortex-A75	2	2.0	Mali-G52 MC2 (3EE) @ 850 MHz (81.6 GFLOPS in FP32)	Dual-channel LPDDR3 @ 933 MHz LPDDR4/LPDDR4X @ 1866 MHz
		ARM Cortex-A55	6			
Tiger T619 ^[39]		ARM Cortex-A75	2	2.2	Mali-G57 MC1 @ 850 MHz (54.4 GFLOPS in FP32)	LPDDR4X @ 1866 MHz
		ARM Cortex-A55	6	1.8		
Tiger T620 ^[41] / T7280 (UMS9230S)		ARM Cortex-A75	2	2.2	Mali-G57 MC1 @ 850 MHz (54.4 GFLOPS in FP32)	LPDDR4X @ 1866 MHz
		ARM Cortex-A55	6	1.8		
T7300	6 nm (TSMC N6)	ARM Cortex-A78	2	2.2	Mali-G57 MC2 @ 950 MHz (54.4 GFLOPS in FP32)	LPDDR4X @ 2133 MHz
		ARM Cortex-A55	6	2.0		
Tiger T700	12 nm FF TSMC	ARM Cortex-A75	2	1.8	Mali-G52 MC2 @ 850 MHz (81.6 GFLOPS in FP32)	LPDDR4X @ 1866 MHz
		ARM Cortex-A55	6	1.8		
Tiger T710		ARM Cortex-A75	4	2.0	PowerVR GM 9446 @ 800 MHz (102.4 GFLOPS in FP32)	LPDDR4/4X @ 1866 MHz
		ARM Cortex-A55	4	1.8		
Q3 2021		Spark Go 1, Tecno Spark G12, Xiaomi Redmi A5 BlackView Color 8, Coolpad Cool 50, Coolpad CP12S, Coolpad Fengshang 50, Coolpad Fengshang 50 Lite, Intel S23+, Realme C35, Realme Pad Mini, ZTE Blade V40 Design				
Q3 2019		List Alldocube iPlay 40, Teclast M40, Teclast T40 Plus, ZTE Blade V30, ZTE Blade V40s, ZTE Blade V40 Pro, ZTE Axon 20 4G, ZTE Axon 40 SE, Samsung Galaxy Tab A8, Advan GX, Advan VX, Blackview Tab 11				
Q3 2023		List Hotwav Cyber 13 Pro ^[40]				
Q3 2024		List Intel S25, Intel S25 Ultra				
		List Intel Super 26 Ultra				
Q1 2021		List Motorola Moto G20, Motorola E40				
Q3 2019						

5G smartphone processors

Model number	Fab	CPU (ARMv8)	GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices
Tanggula T740 (Tiger T7510) ^{[42][43]}	12 nm (TSMC 12FFC)	4 + 4 cores (1.8 GHz Cortex-A75 + 1.8 GHz Cortex-A55)	PowerVR GM 9446 @ 800 MHz (102.4 GFLOPS in FP32)	LPDDR4/4X/4Y up to 1866 MHz	Wi-Fi 5 (802.11b/g/n/ac), Bluetooth 5.0/5.4, NSA, SA, GSM, WCDMA, LTE, TDD-LTE, FDD-LTE, Glonass, Beidou, Galileo, FM, GPS	Q1 2020	List Hisense F50 5G, Hisense A7CC, Teclast T40 5G, Coolpad X10, AGM X5 Premium Edition
Tanggula T750 ^[44]	6 nm (TSMC N6)	2 + 6 cores (2.0 GHz Cortex-A76 + 1.8 GHz Cortex-A55)	Mali-G57 MP2 @ 680 MHz (87.0 GFLOPS in FP32)	LPDDR4X, eMMC5.1, UFS3.1		Q2 2023	
Tanggula T760 ^[45] / T8100 ^[46]		4 + 4 cores (2.2 GHz Cortex-A76 + 2.0 GHz Cortex-A55)	Mali-G57 MP4 @ 650 MHz (166.4 GFLOPS in FP32)			Q2 2021	List Hisense P50 5G, Hisense H60, Coolpad Cool 60, HMD Crest, ZTE Voyage 30, ZTE Voyage 30s, Nubia Focus Pro 5G
Tanggula T765 ^[47] / T8200 ^[48]		2 + 6 cores (2.3 GHz Cortex-A76 + 2.1 GHz Cortex-A55)	Mali-G57 MC2 @ 850 MHz (108.8 GFLOPS in FP32)			Q1 2024	List TNT Panalo Phone 5G
T8300 ^[49]		2 + 6 cores (2.2 GHz Cortex-A78 + 2.0 GHz Cortex-A55)	Mali-G57 MC2 @ 950 MHz (121.6 GFLOPS in FP32)			Q1 2025	List nubia Neo 3 5G ^[50]
Tanggula T770 (Tiger T7520) ^{[51][52][53]}		1 + 3 + 4 cores (2.5 GHz Cortex-A76 + 2.2 GHz Cortex-A76 + 2.0 GHz Cortex-A55)	Mali-G57 MP4 @ 780 MHz (199.7 GFLOPS in FP32)	Dual-channel LPDDR4X up to 2133 MHz		Q1 2020	List ZTE Nubia N5, ZTE Voyage 40, ZTE Voyage 41
Tanggula T820 ^[54] / T9100 ^[55]		1 + 3 + 4 cores (2.7 GHz Cortex-A76 + 2.3 GHz Cortex-A76 + 2.1 GHz Cortex-A55)				Q4 2022	List nubia Neo 5G, ^[56] nubia Neo 2 5G, ^[57] nubia Neo 3 GT 5G ^[58]
T9300 ^[59]		2 + 6 cores (2.4 GHz Cortex-A78 + 2.2 GHz Cortex-A55)	Mali-G57 MC2 @ 1.1 GHz (140.8 GFLOPS in FP32)			Q4 2025	List nubia Neo 5 5G ^[60]

3G modems

Model number	Fab	ISA	CPU	CPU cache	GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices
SC8803G ^[1]	40 nm LP	ARM9	Up to 256 MHz single-core ARM926EJ-S	?	—	DDR1	GSM, GPRS, EDGE Class 12, TD-SCDMA, LTE 400 2300MHZ	?	

4G modems

Model number	Fab	ISA	CPU	CPU cache	GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices
SC9610 ^[61]	40 nm LP	?	?	?	No GPU	?	Multiband TD-LTE and TD-SCDMA and quad-band EDGE/GPRS/GSM Downlink speeds of 100 Mbit/s Uplink speeds of 50 Mbit/s		

5G modems

Model number	Fab	ISA	CPU	CPU cache	GPU	Memory technology	Wireless radio technologies	Released	Utilizing devices
Makalu IVY510	12 nm FF TSMC	?	?	?	?	?	2G/3G/4G/5G 3GPP Release 15 compliant and support both SA and NSA network configurations	TBC	

Smart wearables

Model Number	Fab	CPU	GPU	Memory technology	Wireless radio technologies	Released
8521E	28 nm HPC+	4 cores (1.4 GHz Cortex-A53)	Mali-T820 MP1 @600 MHz	eMCP: 32Gb+4Gb or above	Modem:LTE FDD &TDDWCDMA,GSM Category:LTECat.4,VoLTE WCN:(Wi-Fi802.11bgn@2.4GHZ Bluetooth @ 4.2/GPS/ Glonass/ Beidou)	
8541E	22 nm HPC+	4 + 4 cores (1.6 GHz Cortex-A55 + 1.2 GHz Cortex-A55)	IMG 8322 @550Mhz	LPDDR3/4X @933MHz	GNSS(GPS+Glonass+Beidou+Galileo)+ FM+Bluetooth 4.2	?
W307	28 nm HPC+ TSMC	4 cores (1.1 GHz Cortex-A53)	?	LPDDR2		
W517	12 nm	4 + 4 cores (2.0 GHz Cortex-A75 + 1.8 GHz Cortex-A55)	IMG 8300 @800Mhz	LPDDR3/LPDDR4x	GSM/WCDMA/TDD-LTE/FDD-LTE	

WAN IoT

Model Number	Fab	Cores	Memory	Additional
8541E	28 nm HPC+	4	LPDDR2, LPDDR3	Supports maximum HD+ resolution Supports USB HUB function (2HOST or 1HOST+4 Device)
8581E	28 nm HPC+	8	LPDDR3, LPDDR4/4X	
A7862E	12 nm	8	LPDDR3, LPDDR4/4X	Bluetooth 5 BLE GPS + Beidou + Glonass / GPS + Galileo + Glonass 3x SDIO 3.0 / USB 2.0 Type-C, USB 1.1 and OTG 2.0 / 4x SPI / 4x I2S / 8x I2C / 7x UART 150 GPIO
V8811	22 nm	1	Integrated 16 Mb/32M Flash	Supports 3GPP NB-IoT R13/R14/R15/R16
8910DM	28 nm	2	Integrated 64 Mb SPI Nor and 128 Mb PSRAM	VoLTE, 0.3M camera, AUDIO (with ADC/DAC), 2x USB (Host/Slave, HUB), 3x SDIO, 3x I2C, 3x UART, 2x PWM
8563	28 nm	4	LPDDR2, LPDDR3	4x SDIO 3.0 / USB 2.0 High speed, OTG/UART/SPI/I2S/I2C/GPIO 4-core 1.3 GHz Arm Cortex-A7 processor
V510	12 nm	2	LPDDR4/X	Supports TDD NR/FDD NR/FDD-LTE/TDD-LTE/TD-SCDMA/WCDMA/GSM Supports Sub-6 GHz, n78/n41/n79/n1/n28 and n77/n3/n8/n20 and other global mainstream frequency bands Supports VoNR technology and VoLTE in 5G SA mode

LAN IoT

Model Number	Fab	Cores	Memory	Additional
5981	40 nm	1	PSRAM	ARM Cortex-M4, integrated MPU 802.11b/g/n, support for AP/STA USB2.0/SDIO 192K SRAM available to users, Support for plug-in PSRAM
V5663	22 nm	2	PSRAM	Wi-Fi 2.4/5G dual-frequency, MU-MIMO Supports Bluetooth AOA AOD+Wi-Fi RTT fusion positioning Bluetooth 5.0: Dual mode, long distance, Mesh, AoD

Smart Display

Model Number	Fab	Cores	Memory	Additional
6710W	22 nm	2	DDR2 64Mb*16	Supports maximum 10bit FULL HD LVDS screen Built-in FHD TCON 2x USB 2.0, support for USB HUB
7605	40 nm	2	DDR3 64Mb*16	MPEG1/2/4, H.264/H.265 video decode WAVE/WMA/AAC/AC3/MPEG/FLAC audio decode Up to FHD image output

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