

Samsung Galaxy A55 5G

Brand : Samsung

Product family: Galaxy

Product code: SM-A556BZKAEB

Product name : Galaxy A55 5G

- Awesome Camera
- Awesome Performance
- Awesome Durability

Galaxy A55 5G

Samsung Galaxy A55 5G . Display diagonal: 16.8 cm (6.6"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz, Processor family: Samsung Exynos. RAM capacity: 8 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Hybrid Dual SIM. Battery capacity: 5000 mAh. Product colour: Navy. Weight: 213 g



Display		Camera	
Display diagonal *	16.8 cm (6.6")	Image stabilizer type	Optical Image Stabilization (OIS)
Screen shape	Flat	Night mode	✓
Display technology marketing name	Super AMOLED	Panorama	✓
Panel type	AMOLED	Macro photography	✓
Display glass type	Gorilla Glass	Network	
Gorilla Glass version	Gorilla Glass Victus+	SIM card capability *	Hybrid Dual SIM
Display resolution *	1080 x 2340 pixels	Mobile network generation *	5G
Display number of colours	16 million colours	SIM card type *	NanoSIM + eSIM
Maximum refresh rate	120 Hz	3G standards *	UMTS, WCDMA
Display brightness	1000 cd/m ²	4G standard *	LTE-TDD & LTE-FDD
Maximum display brightness (Outdoor)	1650 cd/m ²	5G standard *	Sub6 FDD, Sub6 TDD
Pixel density	389 ppi	Wi-Fi *	✓
Brand specific technologies	Always-on display	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Processor		Bluetooth *	✓
Processor family *	Samsung Exynos	Bluetooth version	5.3
Processor cores	8	Wi-Fi Direct	✓
Processor boost frequency	2.75 GHz	MIMO	✓
Processor frequency *	2 GHz	Modulation	1024-QAM
Storage		Near Field Communication (NFC)	✓
User memory	109.5 GB	Ports & interfaces	
RAM capacity *	8 GB	USB port *	✓
Internal storage capacity *	128 GB	USB connector type	USB Type-C
Compatible memory cards *	MicroSD (TransFlash)	USB version	2.0
Maximum memory card size	1 TB	Headphone connectivity	USB Type-C
Camera		Design	
Rear camera sensor size	1/1.56"	Form factor *	Bar
Second rear camera sensor size	1/3.06"	Product colour *	Navy
Third rear camera sensor size	1/5"	Colour name	Awesome Navy
Rear camera resolution (numeric) *	50 MP	International Protection (IP) code	IP67
Second rear camera resolution (numeric)	12 MP	Housing material	Glass, Metal
Third rear camera resolution (numeric)	5 MP	Performance	
Rear camera aperture number	1.8	Fast charging	✓
Second rear camera aperture number	2.2	Fingerprint reader	✓
Third rear camera aperture number	2.4	Face recognition	✓
Rear camera pixel size	1 µm	Navigation	
Second rear camera pixel size	1.12 µm	GPS (satellite)	✓
Third rear camera pixel size	1.12 µm	GLONASS	✓

Camera		Navigation	
Rear camera field of view (FOV) angle	84°	BeiDou	✓
Second rear camera field of view (FOV) angle	123°	Galileo	✓
Third rear camera field of view (FOV) angle	78°	Quasi-Zenith Satellite System (QZSS)	✓
Digital zoom	10x	Position location *	✓
Front camera type *	Single camera	Multimedia	
Front camera sensor size	1/2.74"	Speakers	stereo
Front camera resolution (numeric) *	32 MP	Audio system	Dolby Atmos
Front camera aperture number	2.2	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera pixel size	0.8 µm	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera field of view (FOV) angle	81°	Software	
Rear camera flash *	✓	Platform *	Android
Front camera flash	✗	Battery	
Flash type	LED	Removable battery	✗
Video capture resolution (max)	3840 x 2160 pixels	Battery capacity *	5000 mAh
Maximum frame rate	240 fps	Browsing time (Wi-Fi)	24 h
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Browsing time (4G)	25 h
Rear camera type *	Triple camera	Continuous audio playback time	79 h
Auto focus	✓	Continuous video playback time	28 h
Camera High Dynamic Range (HDR) mode	✓	Sensors	
Time lapse mode	✓	Proximity sensor	✓
Image stabilizer	✓	Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		Weight & dimensions	
		Width	77.4 mm
		Depth	8.2 mm
		Height	161.1 mm
		Weight *	213 g
		Packaging content	
		Cables included	USB Type-C
		SIM card ejector pin	✓



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