

Samsung Galaxy A55 5G

Brand : Samsung

Product family: Galaxy

Product code: SM-A556BZKAEB

Product name : Galaxy A55 5G



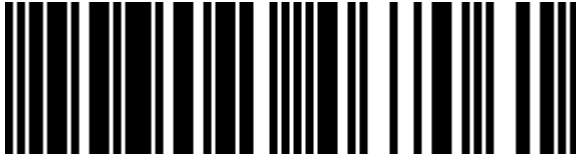
- Vibrant 6.6" High Resolution Display
- Amazingly detailed video with Super HDR
- Superfast processor for smooth action
- Works with e-SIMs (no SIM card needed)

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

Camera		Performance	
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	✓
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	✓
Image stabilizer type	Optical Image Stabilization (OIS)	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	✓
		Other features	
		Repairability index	8.5



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