

Samsung Galaxy A55 5G

Brand : Samsung

Product family: Galaxy

Product code: SM-A556BZKCEUB/AMA

Product name : Galaxy A55 5G

6.6", 1080 x 2340, 8GB RAM, 256GB ROM, 50+12+5MP/32MP, 5G, 5000 mAh, Wi-Fi, Bluetooth 5.3, Android

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: 256 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")	Macro photography	✓
Screen shape	Flat	Network	
Display technology marketing name	Super AMOLED	SIM card capability *	Hybrid Dual SIM
Panel type	AMOLED	Mobile network generation *	5G
Display glass type	Gorilla Glass	SIM card type *	NanoSIM + eSIM
Gorilla Glass version	Gorilla Glass Victus+	3G standards *	UMTS, WCDMA
Display resolution *	1080 x 2340 pixels	4G standard *	LTE-TDD & LTE-FDD
Display number of colours	16 million colours	5G standard *	Sub6 FDD, Sub6 TDD
Maximum refresh rate	120 Hz	Wi-Fi *	✓
Display brightness	1000 cd/m ²	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Maximum display brightness (Outdoor)	1650 cd/m ²	Bluetooth *	✓
Pixel density	389 ppi	Bluetooth version	5.3
Brand specific technologies	Always-on display	Wi-Fi Direct	✓
Processor		MIMO	✓
Processor family *	Samsung Exynos	Modulation	1024-QAM
Processor cores	8	Near Field Communication (NFC)	✓
Processor boost frequency	2.75 GHz	Ports & interfaces	
Processor frequency *	2 GHz	USB port *	✓
Storage		USB connector type	USB Type-C
RAM capacity *	8 GB	USB version	2.0
Internal storage capacity *	256 GB	Headphone connectivity	USB Type-C
Compatible memory cards *	MicroSD (TransFlash)	Messaging	
Maximum memory card size	1 TB	Short Message Service (SMS)	✓
Camera		Multimedia Messaging Service (MMS)	✓
Rear camera sensor size	1/1.56"	E-mail	✓
Second rear camera sensor size	1/3.06"	Design	
Third rear camera sensor size	1/5"	Form factor *	Bar
Rear camera resolution (numeric) *	50 MP	Product colour *	Navy
Second rear camera resolution (numeric)	12 MP	Colour name	Awesome Navy
Third rear camera resolution (numeric)	5 MP	International Protection (IP) code	IP67
Rear camera aperture number	1.8	Housing material	Glass, Metal
Second rear camera aperture number	2.2		

Camera		Performance	
Third rear camera aperture number	2.4	Fast charging	✓
Rear camera pixel size	1 µm	Fingerprint reader	✓
Second rear camera pixel size	1.12 µm	Face recognition	✓
Third rear camera pixel size	1.12 µm	Navigation	
Rear camera field of view (FOV) angle	84°	GPS (satellite)	✓
Second rear camera field of view (FOV) angle	123°	GLONASS	✓
Third rear camera field of view (FOV) angle	78°	BeiDou	✓
Digital zoom	10x	Galileo	✓
Front camera type *	Single camera	Quasi-Zenith Satellite System (QZSS)	✓
Front camera sensor size	1/2.74"	Position location *	✓
Front camera resolution (numeric) *	32 MP	Multimedia	
Front camera aperture number	2.2	Speakers	stereo
Front camera pixel size	0.8 µm	Audio system	Dolby Atmos
Front camera field of view (FOV) angle	81°	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Rear camera flash *	✓	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera flash	✗	Software	
Flash type	LED	Platform *	Android
Video capture resolution (max)	3840 x 2160 pixels	Battery	
Maximum frame rate	240 fps	Removable battery	✗
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Battery capacity *	5000 mAh
Rear camera type *	Triple camera	Browsing time (Wi-Fi)	24 h
Auto focus	✓	Browsing time (4G)	25 h
Camera High Dynamic Range (HDR) mode	✓	Continuous audio playback time	79 h
Time lapse mode	✓	Continuous video playback time	28 h
Image stabilizer	✓	Sensors	
Image stabilizer type	Optical Image Stabilization (OIS)	Proximity sensor	✓
Night mode	✓	Accelerometer	✓
Panorama	✓	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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