

## Samsung Galaxy A55 5G

**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A556BLBCEUB/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: Blue. 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 <sup>2</sup>	4G standard *	LTE-TDD & LTE-FDD
Maximum display brightness (Outdoor)	1650 cd/m <sup>2</sup>	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)	✓
RAM capacity *	8 GB	Ports & interfaces	
Internal storage capacity *	256 GB	USB port *	✓
Compatible memory cards *	MicroSD (TransFlash)	USB connector type	USB Type-C
Maximum memory card size	1 TB	USB version	2.0
Camera		Headphone connectivity	USB Type-C
Rear camera sensor size	1/1.56"	Design	
Second rear camera sensor size	1/3.06"	Form factor *	Bar
Third rear camera sensor size	1/5"	Product colour *	Blue
Rear camera resolution (numeric) *	50 MP	Colour name	Awesome Iceblue
Second rear camera resolution (numeric)	12 MP	International Protection (IP) code	IP67
Third rear camera resolution (numeric)	5 MP	Housing material	Glass, Metal
Rear camera aperture number	1.8	Performance	
Second rear camera aperture number	2.2	Fast charging	✓
		Fingerprint reader	✓

Camera		Performance	
Third rear camera aperture number	2.4	Face recognition	✓
Rear camera pixel size	1 µm	<b>Navigation</b>	
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	<b>Multimedia</b>	
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°	<b>Software</b>	
Rear camera flash *	✓	Platform *	Android
Front camera flash	✗	<b>Battery</b>	
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	✓	<b>Sensors</b>	
Time lapse mode	✓	Proximity sensor	✓
Image stabilizer	✓	Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		<b>Weight &amp; dimensions</b>	
		Width	77.4 mm
		Depth	8.2 mm
		Height	161.1 mm
		Weight *	213 g
		<b>Packaging content</b>	
		Cables included	USB Type-C
		SIM card ejector pin	✓

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