

## Samsung Galaxy A55 5G 16.8 cm (6.6") Hybrid Dual SIM Android 14 USB Type-C 8 GB 128 GB 5000 mAh Yellow

**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A556BZYAEUB

**Product name :** 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. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Yellow. Weight: 213 g

Display		Camera	
Display diagonal *	16.8 cm (6.6")	Camera High Dynamic Range (HDR) mode	✓
Screen shape	Flat	Time lapse mode	✓
Display technology marketing name	Super AMOLED	Image stabilizer	✓
Panel type	AMOLED	Image stabilizer type	Optical Image Stabilization (OIS)
Display glass type	Gorilla Glass	Night mode	✓
Gorilla Glass version	Gorilla Glass Victus+	Panorama	✓
Display resolution *	1080 x 2340 pixels	Macro photography	✓
Display number of colours	16 million colours		
Maximum refresh rate	120 Hz	Network	
Display brightness	1000 cd/m <sup>2</sup>	SIM card capability *	Hybrid Dual SIM
Maximum display brightness (Outdoor)	1650 cd/m <sup>2</sup>	Mobile network generation *	5G
Pixel density	389 ppi	SIM card type *	NanoSIM + eSIM
Brand specific technologies	Always-on display	3G standards *	UMTS, WCDMA
Processor		4G standard *	LTE-TDD & LTE-FDD
Processor family *	Samsung Exynos	5G standard *	Sub6 FDD, Sub6 TDD
Processor cores	8	Wi-Fi	✓
Processor boost frequency	2.75 GHz	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 frequency *	2 GHz	Bluetooth *	✓
Storage		Bluetooth version	5.3
User memory	109.5 GB	Wi-Fi Direct	✓
RAM capacity *	8 GB	MIMO	✓
Internal storage capacity *	128 GB	Modulation	1024-QAM
Compatible memory cards *	MicroSD (TransFlash)	Ports & interfaces	
Maximum memory card size	1 TB	USB port *	✓
Camera		USB connector type	USB Type-C
Rear camera sensor size	1/1.56"	USB version	2.0
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 *	Yellow
Second rear camera resolution (numeric)	12 MP	Colour name	Awesome Lemon
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	Performance	
		Fast charging	✓

Camera		Performance	
Third rear camera aperture number	2.4	Fingerprint reader	✓
Rear camera pixel size	1 µm	Face recognition	✓
Second rear camera pixel size	1.12 µm	<b>Navigation</b>	
Third rear camera pixel size	1.12 µm	GPS (satellite)	✓
Rear camera field of view (FOV) angle	84°	GLONASS	✓
Second rear camera field of view (FOV) angle	123°	BeiDou	✓
Third rear camera field of view (FOV) angle	78°	Galileo	✓
Digital zoom	10x	Quasi-Zenith Satellite System (QZSS)	✓
Front camera type *	Single camera	Position location *	✓
Front camera sensor size	1/2.74"	<b>Multimedia</b>	
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
Flash type	LED	Operating system installed *	Android 14
Video capture resolution (max)	3840 x 2160 pixels	<b>Battery</b>	
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	<b>Sensors</b>	
Auto focus	✓	Proximity sensor	✓
		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	✓
		<b>Technical details</b>	
		Repairability index	8.5



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