

## Samsung Galaxy A55 5G 16.8 cm (6.6") Hybrid Dual SIM Android 14 USB Type-C 8 GB 256 GB 5000 mAh Yellow

**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A556BZYCEUB

**Product name :** A55 5G



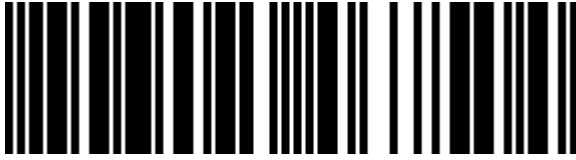
- Vibrant 6.6" High Resolution Display
- Amazingly detailed video with Super HDR
- Superfast processor for smooth action
- Works with e-SIMs (no SIM card needed)

### 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: 256 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	Network	
Maximum refresh rate	120 Hz	SIM card capability *	Hybrid Dual SIM
Display brightness	1000 cd/m <sup>2</sup>	Mobile network generation *	5G
Maximum display brightness (Outdoor)	1650 cd/m <sup>2</sup>	SIM card type *	NanoSIM + eSIM
Pixel density	389 ppi	3G standards *	UMTS, WCDMA
Brand specific technologies	Always-on display	4G standard *	LTE-TDD & LTE-FDD
Processor		5G standard *	Sub6 FDD, Sub6 TDD
Processor family *	Samsung Exynos	Wi-Fi	✓
Processor cores	8	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 boost frequency	2.75 GHz	Bluetooth *	✓
Processor frequency *	2 GHz	Bluetooth version	5.3
Storage		Wi-Fi Direct	✓
User memory	235.5 GB	MIMO	✓
RAM capacity *	8 GB	Modulation	1024-QAM
Internal storage capacity *	256 GB	Ports & interfaces	
Compatible memory cards *	MicroSD (TransFlash)	USB port *	✓
Maximum memory card size	1 TB	USB connector type	USB Type-C
Camera		USB version	2.0
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 *	Yellow
Rear camera resolution (numeric) *	50 MP	Colour name	Awesome Lemon
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	✓

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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