

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



**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A556BLBCEUB

**Product name :** A55 5G

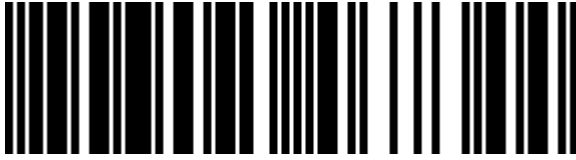
- Vibrant 6.6" High Resolution Display
- Amazingly detailed video with Super HDR
- Superfast processor for smooth action
- Works with e-SIMs (no SIM card needed)

### 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: Blue. 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	235.5 GB	Wi-Fi Direct	✓
RAM capacity *	8 GB	MIMO	✓
Internal storage capacity *	256 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 *	Blue
Second rear camera resolution (numeric)	12 MP	Colour name	Awesome Iceblue
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	
Third rear camera aperture number	2.4	Fast charging	✓
Rear camera pixel size	1 µm		

Camera		Performance	
Second rear camera pixel size	1.12 µm	Fingerprint reader	✓
Third rear camera pixel size	1.12 µm	Face recognition	✓
Rear camera field of view (FOV) angle	84°	<b>Navigation</b>	
Second rear camera field of view (FOV) angle	123°	GPS (satellite)	✓
Third rear camera field of view (FOV) angle	78°	GLONASS	✓
Digital zoom	10x	BeiDou	✓
Front camera type *	Single camera	Galileo	✓
Front camera sensor size	1/2.74"	Quasi-Zenith Satellite System (QZSS)	✓
Front camera resolution (numeric) *	32 MP	Position location *	✓
Front camera aperture number	2.2	<b>Multimedia</b>	
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
Flash type	LED	<b>Software</b>	
Video capture resolution (max)	3840 x 2160 pixels	Platform *	Android
Maximum frame rate	240 fps	Operating system installed *	Android 14
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	<b>Battery</b>	
Rear camera type *	Triple camera	Removable battery	✗
Auto focus	✓	Battery capacity *	5000 mAh
		<b>Sensors</b>	
		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	✓



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