

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



**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A556BLBAEUB

**Product name :** A55 5G

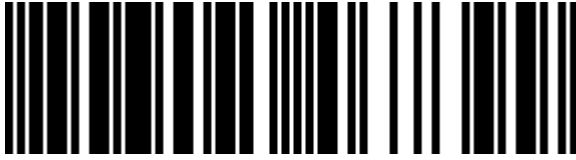
- Awesome Camera
- Awesome Performance
- Awesome Durability

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: 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
		4G standard *	LTE-TDD & LTE-FDD
		5G standard *	Sub6 FDD, Sub6 TDD
Processor		Wi-Fi *	✓
Processor family *	Samsung Exynos	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 cores	8	Bluetooth *	✓
Processor boost frequency	2.75 GHz	Bluetooth version	5.3
Processor frequency *	2 GHz	Wi-Fi Direct	✓
Storage		MIMO	✓
User memory	109.5 GB	Modulation	1024-QAM
RAM capacity *	8 GB	Ports & interfaces	
Internal storage capacity *	128 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		Design	
Rear camera sensor size	1/1.56"	Form factor *	Bar
Second rear camera sensor size	1/3.06"	Product colour *	Blue
Third rear camera sensor size	1/5"	Colour name	Awesome Iceblue
Rear camera resolution (numeric) *	50 MP	International Protection (IP) code	IP67
Second rear camera resolution (numeric)	12 MP	Housing material	Glass, Metal
Third rear camera resolution (numeric)	5 MP	Performance	
Rear camera aperture number	1.8	Fast charging	✓
Second rear camera aperture number	2.2	Fingerprint reader	✓
Third rear camera aperture number	2.4	Face recognition	✓
Rear camera pixel size	1 µm		
Second rear camera pixel size	1.12 µm		

Camera		Navigation	
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"	Multimedia	
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°	Software	
Rear camera flash *	✓	Platform *	Android
Flash type	LED	Operating system installed *	Android 14
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	Sensors	
Auto focus	✓	Proximity sensor	✓
		Accelerometer	✓
		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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