

Samsung Galaxy A55 5G 16.8 cm (6.6") 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 : Galaxy 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: Dual SIM. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Blue. Weight: 213 g

Display		Network	
Display diagonal *	16.8 cm (6.6")	SIM card type *	NanoSIM + eSIM
Screen shape	Flat	2G standards	GSM
Display technology marketing name	Super AMOLED	3G standards *	WCDMA
Panel type	AMOLED	4G standard *	LTE-TDD & LTE-FDD
Display glass type	Gorilla Glass	5G standard *	Sub6 TDD
Gorilla Glass version	Gorilla Glass Victus+	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1080 x 2340 pixels	Wi-Fi	✓
Display number of colours	16 million colours	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Maximum refresh rate	120 Hz	Bluetooth *	✓
Display brightness	1000 cd/m²	Bluetooth version	5.3
Maximum display brightness (Outdoor)	1650 cd/m²	2G bands (primary SIM)	850,1900,1800,900 MHz
Pixel density	389 ppi	3G bands supported	2100,900,1900,850,1700 MHz
Brand specific technologies	Always-on display	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Processor		5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz
Processor family *	Samsung Exynos	Wi-Fi Direct	✓
Processor cores	8	MIMO	✓
Processor frequency *	2 GHz	Modulation	1024-QAM
Processor boost frequency	2.75 GHz	Near Field Communication (NFC)	✓
Storage		Ports & interfaces	
User memory	109.5 GB	USB port	✓
RAM capacity *	8 GB	USB connector type	USB Type-C
Internal storage capacity *	128 GB	USB version	2.0
Compatible memory cards *	MicroSD (TransFlash)	Headphone connectivity	USB Type-C
Maximum memory card size	1 TB	Mobile High-Definition Link (MHL)	✗
Memory card slot type	Hybrid slot	Navigation	
Camera		GPS (satellite)	✓
Rear camera sensor size	1/1.56"	GLONASS	✓
Second rear camera sensor size	1/3.06"	BeiDou	✓
Third rear camera sensor size	1/5"	Galileo	✓
Rear camera resolution (numeric) *	50 MP	Quasi-Zenith Satellite System (QZSS)	✓
Second rear camera resolution (numeric)	12 MP	Position location *	✓
Third rear camera resolution (numeric)	5 MP	Design	
Fourth rear camera resolution (numeric)	50 MP	Form factor *	Bar
Rear camera aperture number	1.8	Product colour *	Blue
Performance		Colour name	Awesome Iceblue
		Housing material	Glass, Metal
		Performance	
		Fast charging	✓

Camera		Performance	
Second rear camera aperture number	2.2	Fingerprint reader	✓
Third rear camera aperture number	2.4	Face recognition	✓
Rear camera pixel size	1 µm	Multimedia	
Second rear camera pixel size	1.12 µm	Speakers	stereo
Third rear camera pixel size	1.12 µm	Audio system	Dolby Atmos
Rear camera field of view (FOV) angle	84°	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Second rear camera field of view (FOV) angle	123°	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Third rear camera field of view (FOV) angle	78°	Software	
Digital zoom	10x	Platform *	Android
Front camera type *	Single camera	Operating system installed *	Android 14
Front camera sensor size	1/2.74"	Battery	
Front camera resolution (numeric) *	32 MP	Removable battery	✗
Front camera aperture number	2.2	Battery capacity *	5000 mAh
Front camera pixel size	0.8 µm	Browsing time (Wi-Fi) (max)	24 h
Front camera field of view (FOV) angle	81°	Browsing time (4G) (max)	25 h
Rear camera flash *	✓	Wireless audio playback time	79 h
Flash type	LED	Wireless video playback time	28 h
Video capture resolution (max)	3840 x 2160 pixels	Sensors	
Maximum frame rate	30 fps	Proximity sensor	✓
Resolution at capture speed	1280x720@30fps,	Accelerometer	✓
	1920x1080@30fps,	Ambient light sensor	✓
	1920x1080@60fps,	Gyroscope	✓
	3840x2160@30fps	Geomagnetic sensor	✓
Rear camera type *	Triple camera	Hall sensor	✓
Auto focus	✓	Power	
Zoom capability	✓	USB Type-C charging port *	✓
Camera High Dynamic Range (HDR) mode	✓	Endurance	
Time lapse mode	✓	Repairability index	8.5
Image stabilizer	✓	International Protection (IP) code *	IP67
Image stabilizer type	Optical Image Stabilization (OIS)	Weight & dimensions	
Night mode	✓	Width	77.4 mm
Panorama	✓	Depth	8.2 mm
Macro photography	✓	Height	161.1 mm
Slow motion mode	✓	Weight *	213 g
Slow motion rate	240fps @HD	Packaging content	
Network		Cables included	USB Type-C
SIM card capability *	Dual SIM	SIM card ejector pin	✓
Mobile network generation *	5G	Other features	
		Compatibility	Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
		Technical details	
		Security update term	31 March 2028



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