

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	Network	
Maximum refresh rate	120 Hz	SIM card capability *	Hybrid Dual SIM
Display brightness	1000 cd/m²	Mobile network generation *	5G
Maximum display brightness (Outdoor)	1650 cd/m²	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	
Processor boost frequency	2.75 GHz	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	Fingerprint reader	✓
		Face recognition	✓

Camera		Navigation	
Second rear camera pixel size	1.12 µm	GPS (satellite)	✓
Third rear camera pixel size	1.12 µm	GLONASS	✓
Rear camera field of view (FOV) angle	84°	BeiDou	✓
Second rear camera field of view (FOV) angle	123°	Galileo	✓
Third rear camera field of view (FOV) angle	78°	Quasi-Zenith Satellite System (QZSS)	✓
Digital zoom	10x	Position location *	✓
Front camera type *	Single camera	Multimedia	
Front camera sensor size	1/2.74"	Audio system	Dolby Atmos
Front camera resolution (numeric) *	32 MP	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera aperture number	2.2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera pixel size	0.8 µm	Software	
Front camera field of view (FOV) angle	81°	Platform *	Android
Rear camera flash *	✓	Operating system installed *	Android 14
Flash type	LED	Battery	
Video capture resolution (max)	3840 x 2160 pixels	Removable battery	✗
Maximum frame rate	240 fps	Battery capacity *	5000 mAh
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Sensors	
Rear camera type *	Triple camera	Proximity sensor	✓
Auto focus	✓	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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