

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

Brand : Samsung      Product family: Galaxy      Product code: SM-A556BZKAEUE

Product name : Galaxy A55 5G

Samsung Galaxy A55 5G . Display diagonal: 16.8 cm (6.6"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz. 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: Navy. Weight: 213 g



Display		Camera	
Display diagonal *	16.8 cm (6.6")	Image stabilizer type	Optical Image Stabilization (OIS)
Screen shape	Flat	Night mode	✓
Display technology marketing name	Super AMOLED	Panorama	✓
Panel type	AMOLED	Macro photography	✓
Display glass type	Gorilla Glass	Network	
Gorilla Glass version	Gorilla Glass Victus+	SIM card capability *	Hybrid Dual SIM
Display resolution *	1080 x 2340 pixels	Mobile network generation *	5G
Display number of colours	16 million colours	SIM card type *	NanoSIM + eSIM
Maximum refresh rate	120 Hz	3G standards *	UMTS, WCDMA
Display brightness	1000 cd/m²	4G standard *	LTE-TDD & LTE-FDD
Maximum display brightness (Outdoor)	1650 cd/m²	5G standard *	Sub6 FDD, Sub6 TDD
Pixel density	389 ppi	Wi-Fi	✓
Brand specific technologies	Always-on display	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		Bluetooth *	✓
Processor cores	8	Bluetooth version	5.3
Processor boost frequency	2.75 GHz	Wi-Fi Direct	✓
Processor frequency *	2 GHz	MIMO	✓
Storage		Modulation	1024-QAM
User memory	109.5 GB	Near Field Communication (NFC)	✓
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 *	Navy
Third rear camera sensor size	1/5"	Colour name	Awesome Navy
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		

Camera		Performance	
Rear camera pixel size	1 µm	Face recognition	✓
Second rear camera pixel size	1.12 µm	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	Speakers	stereo
Front camera aperture number	2.2	Audio system	Dolby Atmos
Front camera pixel size	0.8 µm	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera field of view (FOV) angle	81°	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera flash *	✓	Software	
Flash type	LED	Platform *	Android
Video capture resolution (max)	3840 x 2160 pixels	Operating system installed *	Android 14
Maximum frame rate	240 fps	Battery	
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Removable battery	✗
Rear camera type *	Triple camera	Battery capacity *	5000 mAh
Auto focus	✓	Browsing time (Wi-Fi)	24 h
Camera High Dynamic Range (HDR) mode	✓	Browsing time (4G)	25 h
Time lapse mode	✓	Wireless audio playback time	79 h
Image stabilizer	✓	Wireless video playback time	28 h
		Sensors	
		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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Publication date: 27-APR-2025. Prints or copies of Information are only valid on the printed Publication date