

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")	Night mode	✓
Screen shape	Flat	Panorama	✓
Display technology marketing name	Super AMOLED	Macro photography	✓
Panel type	AMOLED	Network	
Display glass type	Gorilla Glass	SIM card capability *	Hybrid Dual SIM
Gorilla Glass version	Gorilla Glass Victus+	Mobile network generation *	5G
Display resolution *	1080 x 2340 pixels	SIM card type *	NanoSIM + eSIM
Display number of colours	16 million colours	3G standards *	UMTS, WCDMA
Maximum refresh rate	120 Hz	4G standard *	LTE-TDD & LTE-FDD
Display brightness	1000 cd/m²	5G standard *	Sub6 FDD, Sub6 TDD
Maximum display brightness (Outdoor)	1650 cd/m²	Wi-Fi	✓
Pixel density	389 ppi	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Brand specific technologies	Always-on display	Bluetooth *	✓
Processor		Bluetooth version	5.3
Processor cores	8	Wi-Fi Direct	✓
Processor boost frequency	2.75 GHz	MIMO	✓
Processor frequency *	2 GHz	Modulation	1024-QAM
Storage		Near Field Communication (NFC)	✓
User memory	109.5 GB	Ports & interfaces	
RAM capacity *	8 GB	USB port	✓
Internal storage capacity *	128 GB	USB connector type	USB Type-C
Compatible memory cards *	MicroSD (TransFlash)	USB version	2.0
Maximum memory card size	1 TB	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	
Rear camera aperture number	1.8	Form factor *	Bar
Second rear camera aperture number	2.2		
Third rear camera aperture number	2.4		

Camera		Design	
Rear camera pixel size	1 µm	Product colour *	Navy
Second rear camera pixel size	1.12 µm	Colour name	Awesome Navy
Third rear camera pixel size	1.12 µm	Housing material	Glass, Metal
Rear camera field of view (FOV) angle	84°	Performance	
Second rear camera field of view (FOV) angle	123°	Fast charging	✓
Third rear camera field of view (FOV) angle	78°	Fingerprint reader	✓
Digital zoom	10x	Face recognition	✓
Front camera type *	Single camera	Multimedia	
Front camera sensor size	1/2.74"	Speakers	stereo
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	Browsing time (Wi-Fi)	24 h
Auto focus	✓	Browsing time (4G)	25 h
Camera High Dynamic Range (HDR) mode	✓	Wireless audio playback time	79 h
Time lapse mode	✓	Wireless video playback time	28 h
Image stabilizer	✓	Sensors	
Image stabilizer type	Optical Image Stabilization (OIS)	Proximity sensor	✓
		Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		Endurance	
		International Protection (IP) code *	IP67
		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	✓
		Other features	
		Repairability index	8.5



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