

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 : 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: Navy. 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		
Display brightness	1000 cd/m ²		
Maximum display brightness (Outdoor)	1650 cd/m ²		
Pixel density	389 ppi		
Brand specific technologies	Always-on display		
Processor		Network	
Processor family *	Samsung Exynos	SIM card capability *	Hybrid Dual SIM
Processor cores	8	Mobile network generation *	5G
Processor boost frequency	2.75 GHz	SIM card type *	NanoSIM + eSIM
Processor frequency *	2 GHz	3G standards *	UMTS, WCDMA
		4G standard *	LTE-TDD & LTE-FDD
		5G standard *	Sub6 FDD, Sub6 TDD
		Wi-Fi *	✓
		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
		Bluetooth *	✓
		Bluetooth version	5.3
		Wi-Fi Direct	✓
		MIMO	✓
		Modulation	1024-QAM
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)		
Maximum memory card size	1 TB		
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		
Rear camera aperture number	1.8		
Second rear camera aperture number	2.2		
Third rear camera aperture number	2.4		
Rear camera pixel size	1 µm		
Second rear camera pixel size	1.12 µm		
Third rear camera pixel size	1.12 µm		
Rear camera field of view (FOV) angle	84°		
		Performance	
		Fast charging	✓
		Fingerprint reader	✓
		Face recognition	✓
		Navigation	
		GPS (satellite)	✓
		GLONASS	✓
		BeiDou	✓

Camera		Navigation	
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 *	✓
		Multimedia	
Front camera type *	Single camera	Audio system	Dolby Atmos
Front camera sensor size	1/2.74"	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera resolution (numeric) *	32 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera aperture number	2.2	Software	
Front camera pixel size	0.8 µm	Platform *	Android
Front camera field of view (FOV) angle	81°	Operating system installed *	Android 14
Rear camera flash *	✓	Battery	
Flash type	LED	Removable battery	✗
Video capture resolution (max)	3840 x 2160 pixels	Battery capacity *	5000 mAh
Maximum frame rate	240 fps	Sensors	
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Proximity sensor	✓
Rear camera type *	Triple camera	Accelerometer	✓
Auto focus	✓	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: 03-MAY-2024. Prints or copies of Information are only valid on the printed Publication date