

Samsung Galaxy A54 5G SM-A546B/DS 16.3 cm (6.4") Hybrid Dual SIM Android 13 USB Type-C 8 GB 256 GB 5000 mAh Graphite

Brand : Samsung

Product family: Galaxy

Product code: SM-A546BZKDEUE

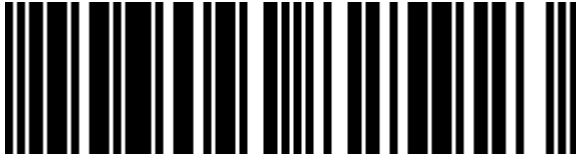
Product name : SM-A546B/DS

Samsung Galaxy A54 5G SM-A546B/DS. Display diagonal: 16.3 cm (6.4"), Display resolution: 1080 x 2340 pixels, Display type: SAMOLED. 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 13. Battery capacity: 5000 mAh. Product colour: Graphite. Weight: 202 g



Display		Network	
Display diagonal *	16.3 cm (6.4")	4G standard *	LTE-TDD & LTE-FDD
Screen shape	Flat	5G standard *	Sub6 TDD, Sub6 FDD
Display type	SAMOLED	Wi-Fi *	✓
Display glass type	Gorilla Glass	Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax)
Gorilla Glass version	Gorilla Glass 5	Bluetooth *	✓
Display resolution *	1080 x 2340 pixels	Bluetooth version	5.3
Display number of colours	16 million colours	3G bands supported	850,1900,2100 MHz
Maximum refresh rate	120 Hz	4G bands supported	1500,2100,700,2300,800,1800,850,1900,2500,900,2600 MHz
Display brightness	500 cd/m²	5G bands supported	2600,700,2100,3500,800,2300,3700,1800,900,2500 MHz
Maximum display brightness (Outdoor)	1000 cd/m²	Wi-Fi Direct	✓
Pixel density	401 ppi	MIMO	✓
		Modulation	1024-QAM
		Near Field Communication (NFC)	✓
Processor		Ports & interfaces	
Processor family *	Samsung Exynos	USB port *	✓
Processor cores	8	USB connector type	USB Type-C
		USB version	2.0
Storage		Design	
RAM capacity *	8 GB	Form factor *	Bar
Internal storage capacity *	256 GB	Product colour *	Graphite
Compatible memory cards *	MicroSD (TransFlash)	Colour name	Awesome Graphite
Maximum memory card size	1000 GB		
Memory card slot type	Hybrid slot	Performance	
		Fast charging	✓
Camera		Fingerprint reader	✓
Rear camera sensor size	1/1.56"	Face recognition	✓
Second rear camera sensor size	1/3"	USB On-The-Go support	✓
Third rear camera sensor size	1/5"		
Rear camera resolution (numeric) *	50 MP	Navigation	
Second rear camera resolution (numeric)	12 MP	GPS (satellite)	✓
Third rear camera resolution (numeric)	5 MP	GLONASS	✓
Rear camera resolution	6120 x 8160 pixels	BeiDou	✓
Rear camera aperture number	1.8	Galileo	✓
Second rear camera aperture number	2.2	Quasi-Zenith Satellite System (QZSS)	✓
Third rear camera aperture number	2.4	Position location *	✓
Rear camera pixel size	1 µm	Multimedia	
Second rear camera pixel size	1.12 µm	Audio system	Dolby Atmos
Third rear camera pixel size	1.12 µm	Audio formats supported	3GA, RTTTL, RTX, MP3, AAC, AWB, WAV, MXMF, IMY, OGA, OGG, XMF, OTA, M4A, Mid, FLAC, MIDI, AMR
Digital zoom	10x		

Camera		Multimedia	
Front camera type *	Single camera	Video formats supported	3GP, 3G2, WEBM, AVI, M4V, FLV, MKV, MP4
Front camera sensor size	1/2.8"	Software	
Front camera resolution (numeric) *	32 MP	Platform *	Android
Front camera aperture number	2.2	Operating system installed *	Android 13
Front camera pixel size	0.8 µm	App distribution platform	Google Play
Rear camera flash *	✓	Virtual assistant	Samsung Bixby
Flash type	LED	Battery	
Video capture resolution (max)	2160 x 3840 pixels	Battery capacity *	5000 mAh
Rear camera type *	Triple camera	Talk time (4G)	46 h
Time lapse mode	✓	Browsing time (Wi-Fi)	19 h
Night mode	✓	Browsing time (4G)	20 h
Panorama	✓	Continuous audio playback time	68 h
Portrait mode	✓	Continuous video playback time	21 h
Macro photography	✓	Sensors	
Network		Proximity sensor	✓
SIM card capability *	Hybrid Dual SIM	Accelerometer	✓
Mobile network generation *	5G	Ambient light sensor	✓
SIM card type *	NanoSIM	Gyroscope	✓
3G standards *	UMTS, WCDMA	Geomagnetic sensor	✓
		Hall sensor	✓
		Weight & dimensions	
		Width	76.7 mm
		Depth	8.2 mm
		Height	158.2 mm
		Weight *	202 g



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