

Samsung Galaxy A56 5G 17 cm (6.7") Dual SIM Android 15 USB Type-C 8 GB 128 GB 5000 mAh Graphite

Brand : Samsung

Product family: Galaxy

Product code: SM-A566BZKAEUE

Product name : Galaxy A56 5G



Display Super AMOLED 6.7", 8GB RAM, 128GB, Camera 50MP, Batteria 5.000 mAh, IP67, Awesome Graphite

Samsung Galaxy A56 5G. Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor family: Samsung Exynos, Processor model: 1580. RAM capacity: 8 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 15. Battery capacity: 5000 mAh. Product colour: Graphite. Weight: 198 g

Display		Network	
Display diagonal *	17 cm (6.7")	4G standard *	LTE-TDD & LTE-FDD
Screen shape	Flat	5G standard *	Sub6 FDD, Sub6 TDD
Display technology marketing name	Super AMOLED	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display glass type	Gorilla Glass	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Gorilla Glass version	Gorilla Glass Victus+	Bluetooth *	✓
Display resolution *	1080 x 2340 pixels	Bluetooth version	5.3
Display number of colours	16 million colours	3G bands supported	850,900,1900,2100 MHz
Maximum refresh rate	120 Hz	4G bands supported	700,800,850,900,1500,1800,1900,2100,2600 MHz
Display brightness	1200 cd/m ²	5G bands supported	800,850,900,1800,2100,2300,2500,2600,3500,3700 MHz
Pixel density	385 ppi	4G data rate (max)	1200 Mbit/s
Brand specific technologies	Always-on display	5G data rate (max)	2.33 Gbit/s
Processor		Wi-Fi Direct	✓
Processor family *	Samsung Exynos	MIMO	✓
Processor model *	1580	Modulation	1024-QAM
Processor cores	8	Near Field Communication (NFC)	✓
Processor boost frequency	2.91 GHz	Ports & interfaces	
Storage		USB connector type	USB Type-C
RAM capacity *	8 GB	USB version	2.0
Internal storage capacity *	128 GB	Headphone connectivity	USB Type-C
Compatible memory cards *	Not supported	Navigation	
Camera		GPS (satellite)	✓
Rear camera sensor size	1/1.56"	GLONASS	✓
Second rear camera sensor size	1/3.0"	BeiDou	✓
Third rear camera sensor size	1/5.0"	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	Product colour *	Graphite
Third rear camera aperture number	2.4	Colour name	Awesome Graphite
Rear camera pixel size	1 µm	Performance	
Second rear camera pixel size	1.12 µm	Fast charging	✓
Third rear camera pixel size	1.12 µm	Wireless charging	✗
		Fingerprint reader	✓

Camera		Performance	
Rear camera field of view (FOV) angle	84°	Face recognition	✓
Second rear camera field of view (FOV) angle	123°	Screen sharing	✓
Third rear camera field of view (FOV) angle	78°	Multimedia	
Digital zoom	10x	Audio system	Dolby Atmos
Front camera type *	Single camera	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera sensor size	1/3.2"	Software	
Front camera resolution (numeric) *	12 MP	Platform *	Android
Front camera aperture number	2.2	Operating system installed *	Android 15
Front camera pixel size	1.12 µm	User interface (UI)	One UI 7.0
Front camera field of view (FOV) angle	81°	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Meet, Google Play, Google Search, YouTube
Rear camera flash *	✓	Battery	
Flash type	LED	Battery recharge time	1.8 h
Maximum frame rate	480 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	✓
Image stabilizer	✓	Ambient light sensor	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Gyroscope	✓
Night mode	✓	Geomagnetic sensor	✓
Panorama	✓	Power	
Portrait mode	✓	USB Type-C charging port *	✓
Macro photography	✓	USB Power Delivery (USB PD)	✓
Slow motion mode	✓	USB Type-C required charging power (min) *	10 W
Slow motion rate	480 fps in HD, 240 fps in HD	USB Type-C required charging power (max) *	45 W
Camera image formats supported	DNG, HEIF, JPEG	Endurance	
Network		Energy efficiency class *	B
SIM card capability *	Dual SIM	Energy efficiency scale	A to G
Mobile network generation *	5G	Battery endurance per cycle *	2674 min
SIM card type *	NanoSIM + eSIM	Battery endurance in cycles *	2000
3G standards *	UMTS, WCDMA	Repeated free fall reliability class *	A
		Repairability class *	C
		International Protection (IP) code *	IP67
		Weight & dimensions	
		Width	77.5 mm
		Depth	7.4 mm
		Height	162.2 mm
		Weight *	198 g
		Packaging content	
		AC adapter included *	✗



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