

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-A566BZKAEUB

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")	Bluetooth *	✓
Screen shape	Flat	Bluetooth version	5.3
Display technology marketing name	Super AMOLED	3G bands supported	850,900,1900,2100 MHz
Display glass type	Gorilla Glass	4G bands supported	700,800,850,900,1500,1800,1900,2100,2600 MHz
Gorilla Glass version	Gorilla Glass Victus+	5G bands supported	800,850,900,1800,2100,2300,2500,2600,3500,3700 MHz
Display resolution *	1080 x 2340 pixels	4G data rate (max)	1200 Mbit/s
Display number of colours	16 million colours	5G data rate (max)	2.33 Gbit/s
Display brightness	1200 cd/m²	Wi-Fi Direct	✓
Pixel density	385 ppi	MIMO	✓
Brand specific technologies	Always-on display	Near Field Communication (NFC)	✓
Processor		Ports & interfaces	
Processor family *	Samsung Exynos	USB connector type	USB Type-C
Processor model *	1580	USB version	2.0
Processor cores	8	Headphone connectivity	USB Type-C
Storage		Navigation	
RAM capacity *	8 GB	GPS (satellite)	✓
Internal storage capacity *	128 GB	GLONASS	✓
Compatible memory cards *	Not supported	BeiDou	✓
Camera		Galileo	✓
Rear camera sensor size	1/1.56"	Quasi-Zenith Satellite System (QZSS)	✓
Second rear camera sensor size	1/3.0"	Position location *	✓
Third rear camera sensor size	1/5.0"		
Rear camera resolution (numeric) *	50 MP		

Camera		Design	
Second rear camera resolution (numeric)	12 MP	Form factor *	Bar
Third rear camera resolution (numeric)	5 MP	Product colour *	Graphite
Rear camera aperture number	1.8	Colour name	Awesome Graphite
Second rear camera aperture number	2.2	Performance	
Third rear camera aperture number	2.4	Fast charging	✓
Rear camera pixel size	1 µm	Wireless charging	✗
Second rear camera pixel size	1.12 µm	Fingerprint reader	✓
Third rear camera pixel size	1.12 µm	Face recognition	✓
Rear camera field of view (FOV) angle	84°	Screen sharing	✓
Second rear camera field of view (FOV) angle	123°	Multimedia	
Third rear camera field of view (FOV) angle	78°	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
4G standard *	LTE-TDD & LTE-FDD	Repairability class *	C
5G standard *	Sub6 FDD, Sub6 TDD	International Protection (IP) code *	IP67
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Width	77.5 mm
		Depth	7.4 mm
		Height	162.2 mm
		Weight *	198 g
		Certificates	
		Head SAR (EU)	0.61 W/kg
		Body SAR (EU)	1.051 W/kg
		Packaging content	
		AC adapter included *	✗

Other features

Repairability index	8.4
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