

Samsung Galaxy A56 17 cm (6.7") Dual SIM Android 15 5G USB Type-C 8 GB 256 GB 5000 mAh Graphite

Brand : Samsung

Product family: Galaxy

Product code: SM-A566BZKCEUB

Product name : Galaxy A56

- Best Face
- Auto Trim exclusive
- Awesome Intelligence features

6.7", 1080 x 2340, Exynos 1580, 8/128GB, 50/12/5MP, 12MP, 5G, Wi-Fi 6, Bluetooth 5.3, 5000 mAh, Android 15

Samsung Galaxy A56. Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2.6 GHz, Processor family: Samsung Exynos, Processor model: 1580. RAM capacity: 8 GB, Internal storage capacity: 256 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")	Modulation	1024-QAM
Screen shape	Flat	Near Field Communication (NFC)	✓
Display technology marketing name	Super AMOLED	Ports & interfaces	
Display glass type	Gorilla Glass	USB connector type	USB Type-C
Gorilla Glass version	Gorilla Glass Victus+	USB version	2.0
Display resolution *	1080 x 2340 pixels	Headphone connectivity	USB Type-C
Display number of colours	16 million colours	Mobile High-Definition Link (MHL)	✗
Maximum refresh rate	120 Hz	Messaging	
Display brightness	1200 cd/m ²	Short Message Service (SMS)	✓
Pixel density	385 ppi	E-mail	✓
Brand specific technologies	Always-on display	Navigation	
Processor		GPS (satellite)	✓
Processor family *	Samsung Exynos	GLONASS	✓
Processor model *	1580	BeiDou	✓
Processor cores	8	Galileo	✓
Processor frequency *	2.6 GHz	Quasi-Zenith Satellite System (QZSS)	✓
Processor boost frequency	2.9 GHz	Position location *	✓
Storage		Design	
User memory	234.4 GB	Form factor *	Bar
RAM capacity *	8 GB	Product colour *	Graphite
Internal storage capacity *	256 GB		
Compatible memory cards *	Not supported		

Camera		Design	
Rear camera sensor size	1/1.56"	Colour name	Awesome Graphite
Second rear camera sensor size	1/3.0"	Performance	
Third rear camera sensor size	1/5.0"	Fast charging	✓
Rear camera resolution (numeric) *	50 MP	Wireless charging	✗
Second rear camera resolution (numeric)	12 MP	Fingerprint reader	✓
Third rear camera resolution (numeric)	5 MP	Face recognition	✓
Fourth rear camera resolution (numeric)	50 MP	Hearing aid compatibility	✓
Rear camera aperture number	1.8	Screen sharing	✓
Second rear camera aperture number	2.2	Multimedia	
Third rear camera aperture number	2.4	Speakers	stereo
Rear camera pixel size	1 µm	Audio system	Dolby Atmos
Second rear camera pixel size	1.12 µm	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Third rear camera pixel size	1.12 µm	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera field of view (FOV) angle	84°	Software	
Second rear camera field of view (FOV) angle	123°	Platform *	Android
Third rear camera field of view (FOV) angle	78°	Operating system installed *	Android 15
Digital zoom	10x	User interface (UI)	One UI 7.0
Front camera type *	Single camera	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Meet, Google Play, Google Search, YouTube
Front camera sensor size	1/3.2"	Battery	
Front camera resolution (numeric) *	12 MP	Battery recharge time	1.8 h
Front camera aperture number	2.2	Removable battery	✗
Front camera pixel size	1.12 µm	Battery endurance in cycles *	2000
Front camera field of view (FOV) angle	81°	Battery capacity *	5000 mAh
Rear camera flash *	✓	Continuous video playback time	29 h
Flash type	LED	Sensors	
Video capture resolution (max)	3840 x 2160 pixels	Proximity sensor	✓
Maximum frame rate	30 fps	Accelerometer	✓
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Ambient light sensor	✓
Rear camera type *	Triple camera	Gyroscope	✓
Auto focus	✓	Geomagnetic sensor	✓
Zoom capability	✓	Power	
Image stabilizer	✓	USB Type-C charging port *	✓
Image stabilizer type	Optical Image Stabilization (OIS)	USB Power Delivery (USB PD)	✓
Night mode	✓	USB Type-C required charging power (min) *	10 W
Panorama	✓	USB Type-C required charging power (max) *	45 W
Portrait mode	✓	Endurance	
Macro photography	✓	Energy efficiency class *	B
Slow motion mode	✓	Energy efficiency scale	A to G
Slow motion rate	240fps @HD	Battery endurance per cycle *	2674 min
Camera image formats supported	DNG, HEIF, JPEG	Repeated free fall reliability class *	A
Network		Repairability class *	C
SIM card capability *	Dual SIM	Repairability index	8.4
Mobile network generation *	5G	International Protection (IP) code *	IP67
SIM card type *	NanoSIM + eSIM	Weight & dimensions	
2G standards	GSM	Width	77.5 mm
3G standards *	WCDMA	Depth	7.4 mm
4G standard *	LTE-TDD & LTE-FDD	Height	162.2 mm
5G standard *	Sub6 TDD	Weight *	198 g
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
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		
2G bands (primary SIM)	850,1900,1800,900 MHz		
3G bands supported	2100,900,1900,850,1700 MHz		

Network		Packaging content	
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	AC adapter included *	✗
5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz	Quick start guide	✓
4G data rate (max)	1200 Mbit/s	Screen protector	✗
5G data rate (max)	2.33 Gbit/s	Car holder included	✗
Wi-Fi Direct	✓	Memory card included	✗
MIMO	✓	Headset included	✗
		Stylus included	✗
		SIM card ejector pin	✓
		Protective case	✗
Specific absorption rate (SAR)			
		Head SAR (EU)	0.61 W/kg
		Body SAR (EU)	1.051 W/kg
		Extremities SAR (EU)	2.03 W/kg
Other features			
		Compatibility	Galaxy Ring, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
Technical details			
		Security update term	31 March 2032



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Catalog Object Cloud



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