

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

Brand : Samsung

Product family: Galaxy

Product code: SM-A566BZGCEUB

Product name : Galaxy A56

- Best Face
 - Auto Trim exclusive
 - Awesome Intelligence features
- SM-A566BZGCEUB

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: Olive. Weight: 198 g



Display		Network	
Display diagonal *	17 cm (6.7")	5G data rate (max)	2.33 Gbit/s
Screen shape	Flat	Wi-Fi Direct	✓
Display technology marketing name	Super AMOLED	MIMO	✓
Display glass type	Gorilla Glass	Modulation	1024-QAM
Gorilla Glass version	Gorilla Glass Victus+	Near Field Communication (NFC)	✓
Display resolution *	1080 x 2340 pixels	Ports & interfaces	
Display number of colours	16 million colours	USB connector type	USB Type-C
Maximum refresh rate	120 Hz	USB version	2.0
Display brightness	1200 cd/m²	Headphone connectivity	USB Type-C
Pixel density	385 ppi	Mobile High-Definition Link (MHL)	✗
Brand specific technologies	Always-on display	Navigation	
Processor		GPS (satellite)	✓
Processor family *	Samsung Exynos	GLONASS	✓
Processor model *	1580	BeiDou	✓
Processor cores	8	Galileo	✓
Processor boost frequency	2.9 GHz	Quasi-Zenith Satellite System (QZSS)	✓
Processor frequency *	2.6 GHz	Position location *	✓
Storage		Design	
User memory	234.4 GB	Form factor *	Bar
RAM capacity *	8 GB	Product colour *	Olive
Internal storage capacity *	256 GB		
Compatible memory cards *	Not supported		

Camera		Design	
Rear camera sensor size	1/1.56"	Colour name	Awesome Olive
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 capacity *	5000 mAh
Front camera field of view (FOV) angle	81°	Continuous video playback time	29 h
Rear camera flash *	✓	Sensors	
Flash type	LED	Proximity sensor	✓
Video capture resolution (max)	3840 x 2160 pixels	Accelerometer	✓
Maximum frame rate	30 fps	Ambient light sensor	✓
Resolution at capture speed	1280x720@30fps,	Gyroscope	✓
	1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Geomagnetic sensor	✓
Rear camera type *	Triple camera	Power	
Auto focus	✓	USB Type-C charging port *	✓
Zoom capability	✓	USB Power Delivery (USB PD)	✓
Image stabilizer	✓	USB Type-C required charging power (min) *	10 W
Image stabilizer type	Optical Image Stabilization (OIS)	USB Type-C required charging power (max) *	45 W
Night mode	✓	Endurance	
Panorama	✓	Energy efficiency class *	B
Portrait mode	✓	Energy efficiency scale	A to G
Macro photography	✓	Battery endurance per cycle *	2674 min
Slow motion mode	✓	Battery endurance in cycles *	2000
Slow motion rate	240fps @HD	Repeated free fall reliability class *	A
Camera image formats supported	DNG, HEIF, JPEG	Repairability class *	C
Network		International Protection (IP) code *	IP67
SIM card capability *	Dual SIM	Weight & dimensions	
Mobile network generation *	5G	Width	77.5 mm
SIM card type *	NanoSIM + eSIM	Depth	7.4 mm
2G standards	GSM	Height	162.2 mm
3G standards *	WCDMA	Weight *	198 g
4G standard *	LTE-TDD & LTE-FDD		
5G standard *	Sub6 TDD		
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		Certificates	
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	Head SAR (EU)	0.61 W/kg
5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz	Body SAR (EU)	1.051 W/kg
4G data rate (max)	1200 Mbit/s	Extremities SAR (EU)	2.03 W/kg
Packaging content			
		AC adapter included *	✗
		Quick start guide	✓
		Screen protector	✗
		Car holder included	✗
		Memory card included	✗
		Headset included	✗
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
		Repairability index	8.4
Technical details			
		Security update term	31 March 2032



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Catalog Object Cloud



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