

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

Brand : Samsung

Product family: Galaxy

Product code: SM-A566BZACEUB

Product name : Galaxy A56

- Best Face
 - Auto Trim exclusive
 - Awesome Intelligence features
- SM-A566BZACEUB

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: Light grey. Weight: 198 g



Display		Network	
Display diagonal *	17 cm (6.7")	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Screen shape	Flat	5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz
Display technology marketing name	Super AMOLED	4G data rate (max)	1200 Mbit/s
Display glass type	Gorilla Glass	5G data rate (max)	2.33 Gbit/s
Gorilla Glass version	Gorilla Glass Victus+	Wi-Fi Direct	✓
Display resolution *	1080 x 2340 pixels	MIMO	✓
Display number of colours	16 million colours	Modulation	1024-QAM
Maximum refresh rate	120 Hz	Near Field Communication (NFC)	✓
Display brightness	1200 cd/m²	Ports & interfaces	
Pixel density	385 ppi	USB connector type	USB Type-C
Brand specific technologies	Always-on display	USB version	2.0
Processor		Headphone connectivity	USB Type-C
Processor family *	Samsung Exynos	Mobile High-Definition Link (MHL)	✗
Processor model *	1580	Navigation	
Processor cores	8	GPS (satellite)	✓
Processor boost frequency	2.9 GHz	GLONASS	✓
Processor frequency *	2.6 GHz	BeiDou	✓
Storage		Galileo	✓
User memory	234.4 GB	Quasi-Zenith Satellite System (QZSS)	✓
RAM capacity *	8 GB	Position location *	✓
Internal storage capacity *	256 GB	Design	
Compatible memory cards *	Not supported	Form factor *	Bar

Camera		Design	
Rear camera sensor size	1/1.56"	Product colour *	Light grey
Second rear camera sensor size	1/3.0"	Colour name	Awesome Lightgray
Third rear camera sensor size	1/5.0"	Performance	
Rear camera resolution (numeric) *	50 MP	Fast charging	✓
Second rear camera resolution (numeric)	12 MP	Wireless charging	✗
Third rear camera resolution (numeric)	5 MP	Fingerprint reader	✓
Fourth rear camera resolution (numeric)	50 MP	Face recognition	✓
Rear camera aperture number	1.8	Hearing aid compatibility	✓
Second rear camera aperture number	2.2	Screen sharing	✓
Third rear camera aperture number	2.4	Multimedia	
Rear camera pixel size	1 µm	Speakers	stereo
Second rear camera pixel size	1.12 µm	Audio system	Dolby Atmos
Third 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
Rear camera field of view (FOV) angle	84°	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera field of view (FOV) angle	123°	Software	
Third rear camera field of view (FOV) angle	78°	Platform *	Android
Digital zoom	10x	Operating system installed *	Android 15
Front camera type *	Single camera	User interface (UI)	One UI 7.0
Front camera sensor size	1/3.2"	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Meet, Google Play, Google Search, YouTube
Front camera resolution (numeric) *	12 MP		
Front camera aperture number	2.2	Battery	
Front camera pixel size	1.12 µm	Battery recharge time	1.8 h
Front camera field of view (FOV) angle	81°	Removable battery	✗
Rear camera flash *	✓	Battery capacity *	5000 mAh
Flash type	LED	Continuous video playback time	29 h
Video capture resolution (max)	3840 x 2160 pixels	Sensors	
Maximum frame rate	30 fps	Proximity sensor	✓
Resolution at capture speed	1280x720@30fps,	Accelerometer	✓
	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	Battery endurance in cycles *	2000
Network		Repeated free fall reliability class *	A
SIM card capability *	Dual SIM	Repairability class *	C
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)		

Network		Certificates	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Head SAR (EU)	0.61 W/kg
		Body SAR (EU)	1.051 W/kg
Bluetooth *	✓	Packaging content	
Bluetooth version	5.3	AC adapter included *	✗
2G bands (primary SIM)	850,1900,1800,900 MHz	Other features	
3G bands supported	2100,900,1900,850,1700 MHz	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



8806095982595

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.