

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 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")	Mobile network generation *	5G
Screen shape	Flat	SIM card type *	NanoSIM + eSIM
Display technology marketing name	Super AMOLED	3G standards *	UMTS, WCDMA
Display glass type	Gorilla Glass	4G standard *	LTE-TDD & LTE-FDD
Gorilla Glass version	Gorilla Glass Victus+	5G standard *	Sub6 FDD, Sub6 TDD
Display resolution *	1080 x 2340 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display number of colours	16 million colours	Wi-Fi standards	802.11a, 802.11b, 802.11g, 802.11n, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Display brightness	1200 cd/m²	Bluetooth *	✓
Pixel density	385 ppi	Bluetooth version	5.3
Brand specific technologies	Always-on display	3G bands supported	850,900,1900,2100 MHz
Processor		4G bands supported	700,800,850,900,1500,1800,1900,2100,2600 MHz
Processor family *	Samsung Exynos	5G bands supported	800,850,900,1800,2100,2300,2500,2600,3500,3700 MHz
Processor model *	1580	4G data rate (max)	1200 Mbit/s
Processor cores	8	5G data rate (max)	2.33 Gbit/s
Storage		Wi-Fi Direct	✓
RAM capacity *	8 GB	MIMO	✓
Internal storage capacity *	256 GB	Near Field Communication (NFC)	✓
Compatible memory cards *	Not supported	Ports & interfaces	
Camera		USB connector type	USB Type-C
Rear camera sensor size	1/1.56"	USB version	2.0
Second rear camera sensor size	1/3.0"	Headphone connectivity	USB Type-C
Third rear camera sensor size	1/5.0"	Design	
Rear camera resolution (numeric) *	50 MP	Form factor *	Bar
		Product colour *	Light grey
		Colour name	Awesome Lightgray

Camera		Design	
Second rear camera resolution (numeric)	12 MP	International Protection (IP) code	IP67
Third rear camera resolution (numeric)	5 MP	Performance	
Rear camera aperture number	1.8	Fast charging	✓
Second rear camera aperture number	2.2	Wireless charging	✗
Third rear camera aperture number	2.4	Fingerprint reader	✓
Rear camera pixel size	1 µm	Face recognition	✓
Second rear camera pixel size	1.12 µm	Screen sharing	✓
Third rear camera pixel size	1.12 µm	Navigation	
Rear camera field of view (FOV) angle	84°	GPS (satellite)	✓
Second rear camera field of view (FOV) angle	123°	GLONASS	✓
Third rear camera field of view (FOV) angle	78°	BeiDou	✓
Front camera type *	Single camera	Galileo	✓
Front camera sensor size	1/3.2"	Quasi-Zenith Satellite System (QZSS)	✓
Front camera resolution (numeric) *	12 MP	Position location *	✓
Front camera aperture number	2.2	Multimedia	
Front camera pixel size	1.12 µm	Audio system	Dolby Atmos
Front camera field of view (FOV) angle	81°	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera flash *	✓	Software	
Flash type	LED	Platform *	Android
Maximum frame rate	480 fps	Operating system installed *	Android 15
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	Operating system fork	One UI 7.0
		Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Meet, Google Play, Google Search, YouTube
Rear camera type *	Triple camera	Battery	
Auto focus	✓	Battery recharge time	1.8 h
Image stabilizer	✓	Battery capacity *	5000 mAh
Image stabilizer type	Optical Image Stabilization (OIS)	Sensors	
Night mode	✓	Proximity sensor	✓
Panorama	✓	Accelerometer	✓
Portrait mode	✓	Ambient light sensor	✓
Macro photography	✓	Gyroscope	✓
Slow motion mode	✓	Geomagnetic sensor	✓
Slow motion rate	480 fps in HD, 240 fps in HD	Power	
Camera image formats supported	DNG, HEIF, JPEG	USB Type-C charging port	✓
Network		USB Power Delivery (USB PD)	✓
SIM card capability *	Dual SIM	USB Type-C required charging power (min) *	10 W
		USB Type-C required charging power (max) *	45 W
		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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