

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
- SM-A566BZKCEUB

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: Graphite. 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, 802.11g, 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
Processor boost frequency	2.91 GHz	Wi-Fi Direct	✓
Storage		MIMO	✓
RAM capacity *	8 GB	Near Field Communication (NFC)	✓
Internal storage capacity *	256 GB	Ports & interfaces	
Compatible memory cards *	Not supported	USB connector type	USB Type-C
Camera		USB version	2.0
Rear camera sensor size	1/1.56"	Headphone connectivity	USB Type-C
Second rear camera sensor size	1/3.0"	Design	
Third rear camera sensor size	1/5.0"	Form factor *	Bar
		Product colour *	Graphite
		Colour name	Awesome Graphite

Camera		Design	
Rear camera resolution (numeric) *	50 MP	International Protection (IP) code	IP67
Second rear camera resolution (numeric)	12 MP	Performance	
Third rear camera resolution (numeric)	5 MP	Fast charging	✓
Rear camera aperture number	1.8	Wireless charging	✗
Second rear camera aperture number	2.2	Fingerprint reader	✓
Third rear camera aperture number	2.4	Face recognition	✓
Rear camera pixel size	1 µm	Screen sharing	✓
Second rear camera pixel size	1.12 µm	Navigation	
Third rear camera pixel size	1.12 µm	GPS (satellite)	✓
Rear camera field of view (FOV) angle	84°	GLONASS	✓
Second rear camera field of view (FOV) angle	123°	BeiDou	✓
Third rear camera field of view (FOV) angle	78°	Galileo	✓
Front camera type *	Single camera	Quasi-Zenith Satellite System (QZSS)	✓
Front camera sensor size	1/3.2"	Position location *	✓
Front camera resolution (numeric) *	12 MP	Multimedia	
Front camera aperture number	2.2	Audio system	Dolby Atmos
Front camera pixel size	1.12 µm	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera field of view (FOV) angle	81°	Software	
Rear camera flash *	✓	Platform *	Android
Flash type	LED	Operating system installed *	Android 15
Maximum frame rate	480 fps	Operating system fork	One UI 7.0
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps	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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