SAMSUNG

Samsung Galaxy A56 17 cm (6.7") Dual SIM Android 15 5G USB Type-C 8 GB 128 GB 5000 mAh Light grey





Brand : Samsung

Product family: Galaxy

Product code: SM-A566BZAAEUB

Product name : Galaxy A56

Display Super AMOLED 6.7”, 8GB RAM, 128GB, Camera 50MP, Batteria 5.000 mAh, IP67, Awesome Graphite
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: 128 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	
Display diagonal *	17 cm (6.7")
Screen shape	Flat
Display technology marketing name	Super AMOLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus+
Display resolution *	1080 x 2340 pixels
Display number of colours	16 million colours
Display brightness	1200 cd/m²
Pixel density	385 ppi
Brand specific technologies	Always-on display

Processor	
Processor family *	Samsung Exynos
Processor model *	1580
Processor cores	8

Storage	
RAM capacity *	8 GB
Internal storage capacity *	128 GB
Compatible memory cards *	Not supported

Camera	
Rear camera sensor size	1/1.56"
Second rear camera sensor size	1/3.0"
Third rear camera sensor size	1/5.0"
Rear camera resolution (numeric) *	50 MP

Network	
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
3G bands supported	850,900,1900,2100 MHz
4G bands supported	700,800,850,900,1500,1800,1900,2100,2600 MHz
5G bands supported	800,850,900,1800,2100,2300,2500,2600,3500,3700 MHz
4G data rate (max)	1200 Mbit/s
5G data rate (max)	2.33 Gbit/s
Wi-Fi Direct	✔
MIMO	✔
Near Field Communication (NFC)	✔

Ports & interfaces	
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	USB Type-C

Navigation	
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Position location *	✔

Camera

Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	5 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Rear camera pixel size	1 µm
Second rear camera pixel size	1.12 µm
Third rear camera pixel size	1.12 µm
Rear camera field of view (FOV) angle	84°
Second rear camera field of view (FOV) angle	123°
Third rear camera field of view (FOV) angle	78°
Front camera type *	Single camera
Front camera sensor size	1/3.2"
Front camera resolution (numeric) *	12 MP
Front camera aperture number	2.2
Front camera pixel size	1.12 µm
Front camera field of view (FOV) angle	81°
Rear camera flash *	✔
Flash type	LED
Maximum frame rate	480 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps
Rear camera type *	Triple camera
Auto focus	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✔
Panorama	✔
Portrait mode	✔
Macro photography	✔
Slow motion mode	✔
Slow motion rate	480 fps in HD, 240 fps in HD
Camera image formats supported	DNG, HEIF, JPEG

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 TDD
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)

Design

Form factor *	Bar
Product colour *	Light grey
Colour name	Awesome Lightgray

Performance

Fast charging	✔
Wireless charging	✘
Fingerprint reader	✔
Face recognition	✔
Screen sharing	✔

Multimedia

Audio system	Dolby Atmos
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software

Platform *	Android
Operating system installed *	Android 15
User interface (UI)	One UI 7.0
Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Meet, Google Play, Google Search, YouTube

Battery

Battery recharge time	1.8 h
Battery endurance in cycles *	2000
Battery capacity *	5000 mAh

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Geomagnetic sensor	✔

Power

USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB Type-C required charging power (min) *	10 W
USB Type-C required charging power (max) *	45 W

Endurance

Energy efficiency class *	B
Energy efficiency scale	A to G
Battery endurance per cycle *	2674 min
Repeated free fall reliability class *	A
Repairability class *	C
Repairability index	8.4
International Protection (IP) code *	IP67

Weight & dimensions

Width	77.5 mm
Depth	7.4 mm
Height	162.2 mm
Weight *	198 g

Packaging content

AC adapter included *	✘

Specific absorption rate (SAR)

Head SAR (EU)	0.61 W/kg

Specific absorption rate (SAR)	
Body SAR (EU)	1.051 W/kg

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Publication date: 01-NOV-2026. Prints or copies of Information are only valid on the printed Publication date