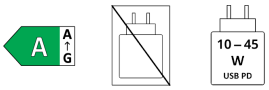
SAMSUNG

Samsung Galaxy A37 5G 17 cm (6.7") Dual SIM Android 16.0 USB Type-C 8 GB 256 GB 5000 mAh Charcoal



Brand : Samsung **Product family:** Galaxy **Product code:** SM-A376BZAGEUB

Product name : A37 5G

- Awesome Design
- Awesome Camera
- Awesome Intelligence

6.7", 8GB RAM, 256GB ROM, 50MP+8MP+5MP/12MP, 5G, Dual-SIM, 802.11a/b/g/n/ac/ax, Bluetooth 5.3, 5000 mAh

Samsung Galaxy A37 5G . Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz. 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 16.0. Battery capacity: 5000 mAh. Product colour: Charcoal. Weight: 196 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
Maximum refresh rate	120 Hz

Processor	
Processor cores	8
Processor frequency *	2 GHz
Processor boost frequency	2.75 GHz

Storage	
User memory	228 GB
RAM capacity *	8 GB
Internal storage capacity *	256 GB

Camera	
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	8 MP
Third rear camera resolution (numeric)	5 MP
Fourth rear camera resolution (numeric)	50 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	12 MP
Front camera aperture number	2.2
Rear camera flash *	✔
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	30 fps
Rear camera type *	Triple camera
Auto focus	✔
Zoom capability	✔

Ports & interfaces	
USB version	2.0
Headphone connectivity	USB Type-C
Mobile High-Definition Link (MHL)	✘

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

Design	
Form factor *	Bar
Product colour *	Charcoal
Colour name	Awesome Charcoal

Performance	
Fingerprint reader	✔
Hearing aid compatibility	✔

Multimedia	
Speakers	stereo
Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software	
Platform *	Android
Operating system installed *	Android 16.0
User interface (UI)	One UI 8.5

Battery	
Removable battery	✘
Battery endurance in cycles *	1200
Battery capacity *	5000 mAh
Continuous video playback time (max)	29 h

Camera

Camera High Dynamic Range (HDR) mode	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✔
Macro photography	✔
Slow motion mode	✔
Slow motion rate	240fps @HD
AI scene recognition	✔

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
2G standards	GSM
3G standards *	WCDMA
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
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz
Wi-Fi Direct	✔
MIMO	✔
Modulation	1024-QAM

Ports & interfaces

USB connector type	USB Type-C

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 *	A
Energy efficiency scale	A to G
Battery endurance per cycle *	3180 min
Repeated free fall reliability class *	B
Repairability class *	C
International Protection (IP) code *	IP68

Weight & dimensions

Width	78.2 mm
Depth	7.4 mm
Height	162.9 mm
Weight *	196 g

Packaging content

AC adapter included *	✘

Other features

Compatibility	Galaxy Ring, Galaxy Buds Core, Galaxy Buds4 Pro, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds4, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds3 FE, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch8, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active

Technical details

Security update term	31 March 2032

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