

Samsung Galaxy A37 5G 17 cm (6.7") Dual SIM 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. Battery capacity: 5000 mAh. Product colour: Charcoal. Weight: 196 g

Display		Ports & interfaces	
Display diagonal *	17 cm (6.7")	USB connector type	USB Type-C
Screen shape	Flat	USB version	2.0
Display technology marketing name	Super AMOLED	Headphone connectivity	USB Type-C
Display glass type	Gorilla Glass	Mobile High-Definition Link (MHL)	✗
Gorilla Glass version	Gorilla Glass Victus+	Navigation	
Display resolution *	1080 x 2340 pixels	GPS (satellite)	✓
Display number of colours	16 million colours	GLONASS	✓
Maximum refresh rate	120 Hz	BeiDou	✓
Processor		Galileo	✓
Processor cores	8	Quasi-Zenith Satellite System (QZSS)	✓
Processor boost frequency	2.75 GHz	Position location *	✓
Processor frequency *	2 GHz	Design	
Storage		Form factor *	Bar
User memory	228 GB	Product colour *	Charcoal
RAM capacity *	8 GB	Colour name	Awesome Charcoal
Internal storage capacity *	256 GB	Performance	
Camera		Fingerprint reader	✓
Rear camera resolution (numeric) *	50 MP	Hearing aid compatibility	✓
Second rear camera resolution (numeric)	8 MP	Multimedia	
Third rear camera resolution (numeric)	5 MP	Speakers	stereo
Fourth rear camera resolution (numeric)	50 MP	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Rear camera aperture number	1.8	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera aperture number	2.2	Software	
Third rear camera aperture number	2.4	Platform *	Android
Digital zoom	10x	User interface (UI)	One UI 8.5
Front camera type *	Single camera	Battery	
Front camera resolution (numeric) *	12 MP	Removable battery	✗
Front camera aperture number	2.2	Battery capacity *	5000 mAh
Rear camera flash *	✓	Continuous video playback time	29 h
Video capture resolution (max)	3840 x 2160 pixels	Sensors	
Maximum frame rate	30 fps	Proximity sensor	✓
Rear camera type *	Triple camera	Accelerometer	✓
Auto focus	✓		
Zoom capability	✓		

Camera		Sensors	
Camera High Dynamic Range (HDR) mode	✓	Ambient light sensor	✓
Image stabilizer	✓	Gyroscope	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Geomagnetic sensor	✓
Night mode	✓	Power	
Macro photography	✓	USB Type-C charging port *	✓
Slow motion mode	✓	USB Type-C required charging power (min) *	10 W
Slow motion rate	240fps @HD	USB Type-C required charging power (max) *	45 W
AI scene recognition	✓	Endurance	
Network		Energy efficiency class *	A
SIM card capability *	Dual SIM	Energy efficiency scale	A to G
Mobile network generation *	5G	Battery endurance per cycle *	3180 min
SIM card type *	NanoSIM + eSIM	Battery endurance in cycles *	1200
2G standards	GSM	Repeated free fall reliability class *	B
3G standards *	WCDMA	Repairability class *	C
4G standard *	LTE-TDD & LTE-FDD	International Protection (IP) code *	IP68
5G standard *	Sub6 TDD	Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Width	78.2 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Depth	7.4 mm
Bluetooth *	✓	Height	162.9 mm
Bluetooth version	5.3	Weight *	196 g
2G bands (primary SIM)	850,1900,1800,900 MHz	Other features	
3G bands supported	2100,900,1900,850,1700 MHz	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
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	Technical details	
Wi-Fi Direct	✓	Security update term	31 March 2032
MIMO	✓		
Modulation	1024-QAM		



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