

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		Ports & interfaces	
Display diagonal *	17 cm (6.7")	USB version	2.0
Screen shape	Flat	Headphone connectivity	USB Type-C
Display technology marketing name	Super AMOLED	Mobile High-Definition Link (MHL)	✗
Display glass type	Gorilla Glass	Navigation	
Gorilla Glass version	Gorilla Glass Victus+	GPS (satellite)	✓
Display resolution *	1080 x 2340 pixels	GLONASS	✓
Display number of colours	16 million colours	BeiDou	✓
Maximum refresh rate	120 Hz	Galileo	✓
Processor		Quasi-Zenith Satellite System (QZSS)	✓
Processor cores	8	Position location *	✓
Processor frequency *	2 GHz	Design	
Processor boost frequency	2.75 GHz	Form factor *	Bar
Storage		Product colour *	Charcoal
User memory	228 GB	Colour name	Awesome Charcoal
RAM capacity *	8 GB	Performance	
Internal storage capacity *	256 GB	Fingerprint reader	✓
Camera		Hearing aid compatibility	✓
Rear camera resolution (numeric) *	50 MP	Multimedia	
Second rear camera resolution (numeric)	8 MP	Speakers	stereo
Third rear camera resolution (numeric)	5 MP	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Fourth rear camera resolution (numeric)	50 MP		3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera aperture number	1.8	Software	
Second rear camera aperture number	2.2	Platform *	Android
Third rear camera aperture number	2.4	Operating system installed *	Android 16.0
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 endurance in cycles *	1200
Rear camera flash *	✓	Battery capacity *	5000 mAh
Video capture resolution (max)	3840 x 2160 pixels	Continuous video playback time (max)	29 h
Maximum frame rate	30 fps		
Rear camera type *	Triple camera		
Auto focus	✓		
Zoom capability	✓		

Camera		Sensors	
Camera High Dynamic Range (HDR) mode	✓	Proximity sensor	✓
Image stabilizer	✓	Accelerometer	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Ambient light sensor	✓
Night mode	✓	Gyroscope	✓
Macro photography	✓	Geomagnetic sensor	✓
Slow motion mode	✓	Power	
Slow motion rate	240fps @HD	USB Type-C charging port *	✓
AI scene recognition	✓	USB Power Delivery (USB PD)	✓
Network		USB Type-C required charging power (min) *	10 W
SIM card capability *	Dual SIM	USB Type-C required charging power (max) *	45 W
Mobile network generation *	5G	Endurance	
SIM card type *	NanoSIM + eSIM	Energy efficiency class *	A
2G standards	GSM	Energy efficiency scale	A to G
3G standards *	WCDMA	Battery endurance per cycle *	3180 min
4G standard *	LTE-TDD & LTE-FDD	Repeated free fall reliability class *	B
5G standard *	Sub6 TDD	Repairability class *	C
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	International Protection (IP) code *	IP68
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Weight & dimensions	
Bluetooth *	✓	Width	78.2 mm
Bluetooth version	5.3	Depth	7.4 mm
2G bands (primary SIM)	850,1900,1800,900 MHz	Height	162.9 mm
3G bands supported	2100,900,1900,850,1700 MHz	Weight *	196 g
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	Packaging content	
5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz	AC adapter included *	✗
Wi-Fi Direct	✓	Other features	
MIMO	✓	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
Modulation	1024-QAM		
Ports & interfaces		Technical details	
USB connector type	USB Type-C	Security update term	31 March 2032



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