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

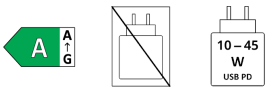
**Product family:** Galaxy

**Product code:** SM-A376BZAGEUE

**Product name :** Galaxy A37 5G

6.7", 1080 x 2340 (FHD+), 8/256 GB, Bluetooth 5.3, 5000 mAh, 162.9 x 78.2 x 7.4 mm, 196 g
Samsung Galaxy A37 5G . Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor family: Samsung Exynos, Processor model: 1480. 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 | Corning 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 |
| Pixel density | 385 ppi |

| Processor | |
|---|---|
| Processor family * | Samsung Exynos |
| Processor model * | 1480 |
| Processor cores | 8 |
| Processor boost frequency | 2.75 GHz |

| Storage | |
|---|---|
| RAM capacity * | 8 GB |
| Internal storage capacity * | 256 GB |
| Compatible memory cards * | Not supported |

| Camera | |
|---|---|
| Rear camera sensor size | 1/1.56" |
| Second rear camera sensor size | 1/4.0" |
| Third rear camera sensor size | 1/5.0" |
| Rear camera resolution (numeric) * | 50 MP |
| Second rear camera resolution (numeric) | 8 MP |
| Third rear camera resolution (numeric) | 5 MP |
| Rear camera aperture number | 1.8 |

| Network | |
|---|---|
| 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) |
| 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 | 2100,1900,850 MHz |
| 4G bands supported | 1900,2100,1800,850,2600,900,700,800,1500,2300,2500 MHz |
| 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 * | ✔ |

| Design | |
|---|---|
| Form factor * | Bar |
| Product colour * | Charcoal |
| Colour name | Awesome charcoal |

| Camera | |
|---|---|
| Second rear camera aperture number | 2.2 |
| Third rear camera aperture number | 2.4 |
| Rear camera pixel size | 1 µm |
| Rear camera pixel size (Quad Pixel technology) | 1.12 µm |
| Third rear camera pixel size (Quad Pixel technology) | 1.12 µm |
| Rear camera field of view (FOV) angle | 84° |
| Second rear camera field of view (FOV) angle | 120° |
| Third rear camera field of view (FOV) angle | 78° |
| Digital zoom | 10x |
| 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 | 240 fps |
| Resolution at capture speed | 1920x1080@30fps, 1920x1080@60fps, 1280x720@30fps, 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 | 240fps in HD |
| Camera image formats supported | HEIF, JPEG |

| Network | |
|---|---|
| SIM card capability * | Dual SIM |
| Mobile network generation * | 5G |
| SIM card type * | NanoSIM + eSIM |

| Performance | |
|---|---|
| Wireless charging | ✘ |
| Fingerprint reader | ✔ |
| Face recognition | ✔ |

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

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

| Battery | |
|---|---|
| Battery endurance in cycles * | 1200 |
| Battery capacity * | 5000 mAh |
| Continuous video playback time (max) | 29 h |

| 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 * | ✘ |
| Cables included | USB Type-C to USB Type-C |
| SIM card ejector pin | ✔ |

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