

Samsung Galaxy A55 5G

Brand : Samsung

Product family: Galaxy

Product code: SM-A556BZKAEB

Product name : Galaxy A55 5G



- Vibrant 6.6" High Resolution Display
- Amazingly detailed video with Super HDR
- Superfast processor for smooth action
- Works with e-SIMs (no SIM card needed)

Galaxy A55 5G

Samsung Galaxy A55 5G . Display diagonal: 16.8 cm (6.6"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz, Processor family: Samsung Exynos. RAM capacity: 8 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Hybrid Dual SIM. Battery capacity: 5000 mAh. Product colour: Navy. Weight: 213 g

| Display | | Camera | |
|---|------------------------|------------------------------------|--|
| Display diagonal * | 16.8 cm (6.6") | Night mode | ✓ |
| Screen shape | Flat | Panorama | ✓ |
| Display technology marketing name | Super AMOLED | Macro photography | ✓ |
| Panel type | AMOLED | Network | |
| Display glass type | Gorilla Glass | SIM card capability * | Hybrid Dual SIM |
| Gorilla Glass version | Gorilla Glass Victus+ | Mobile network generation * | 5G |
| Display resolution * | 1080 x 2340 pixels | SIM card type * | NanoSIM + eSIM |
| Display number of colours | 16 million colours | 3G standards * | UMTS, WCDMA |
| Maximum refresh rate | 120 Hz | 4G standard * | LTE-TDD & LTE-FDD |
| Display brightness | 1000 cd/m ² | 5G standard * | Sub6 FDD, Sub6 TDD |
| Maximum display brightness (Outdoor) | 1650 cd/m ² | Wi-Fi | ✓ |
| Pixel density | 389 ppi | Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Brand specific technologies | Always-on display | Bluetooth * | ✓ |
| Processor | | Bluetooth version | 5.3 |
| Processor family * | Samsung Exynos | Wi-Fi Direct | ✓ |
| Processor cores | 8 | MIMO | ✓ |
| Processor boost frequency | 2.75 GHz | Modulation | 1024-QAM |
| Processor frequency * | 2 GHz | Near Field Communication (NFC) | ✓ |
| Storage | | Ports & interfaces | |
| User memory | 109.5 GB | USB port * | ✓ |
| RAM capacity * | 8 GB | USB connector type | USB Type-C |
| Internal storage capacity * | 128 GB | USB version | 2.0 |
| Compatible memory cards * | MicroSD (TransFlash) | Headphone connectivity | USB Type-C |
| Maximum memory card size | 1 TB | Design | |
| Camera | | Form factor * | Bar |
| Rear camera sensor size | 1/1.56" | Product colour * | Navy |
| Second rear camera sensor size | 1/3.06" | Colour name | Awesome Navy |
| Third rear camera sensor size | 1/5" | International Protection (IP) code | IP67 |
| Rear camera resolution (numeric) * | 50 MP | Housing material | Glass, Metal |
| Second rear camera resolution (numeric) | 12 MP | Performance | |
| Third rear camera resolution (numeric) | 5 MP | Fast charging | ✓ |
| Rear camera aperture number | 1.8 | Fingerprint reader | ✓ |
| Second rear camera aperture number | 2.2 | Face recognition | ✓ |

| Camera | | Navigation | |
|--|--|--------------------------------------|---|
| Third rear camera aperture number | 2.4 | GPS (satellite) | ✓ |
| Rear camera pixel size | 1 µm | GLONASS | ✓ |
| Second rear camera pixel size | 1.12 µm | BeiDou | ✓ |
| Third rear camera pixel size | 1.12 µm | Galileo | ✓ |
| Rear camera field of view (FOV) angle | 84° | Quasi-Zenith Satellite System (QZSS) | ✓ |
| Second rear camera field of view (FOV) angle | 123° | Position location * | ✓ |
| Third rear camera field of view (FOV) angle | 78° | Multimedia | |
| Digital zoom | 10x | Speakers | stereo |
| Front camera type * | Single camera | Audio system | Dolby Atmos |
| Front camera sensor size | 1/2.74" | Audio formats supported | 3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF |
| Front camera resolution (numeric) * | 32 MP | Video formats supported | 3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM |
| Front camera aperture number | 2.2 | Software | |
| Front camera pixel size | 0.8 µm | Platform * | Android |
| Front camera field of view (FOV) angle | 81° | Battery | |
| Rear camera flash * | ✓ | Removable battery | ✗ |
| Front camera flash | ✗ | Battery capacity * | 5000 mAh |
| Flash type | LED | Browsing time (Wi-Fi) | 24 h |
| Video capture resolution (max) | 3840 x 2160 pixels | Browsing time (4G) | 25 h |
| Maximum frame rate | 240 fps | Continuous audio playback time | 79 h |
| Resolution at capture speed | 1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps | Continuous video playback time | 28 h |
| Rear camera type * | Triple camera | Sensors | |
| Auto focus | ✓ | Proximity sensor | ✓ |
| Camera High Dynamic Range (HDR) mode | ✓ | Accelerometer | ✓ |
| Time lapse mode | ✓ | Ambient light sensor | ✓ |
| Image stabilizer | ✓ | Gyroscope | ✓ |
| Image stabilizer type | Optical Image Stabilization (OIS) | Geomagnetic sensor | ✓ |
| | | Hall sensor | ✓ |
| | | Weight & dimensions | |
| | | Width | 77.4 mm |
| | | Depth | 8.2 mm |
| | | Height | 161.1 mm |
| | | Weight * | 213 g |
| | | Packaging content | |
| | | Cables included | USB Type-C |
| | | SIM card ejector pin | ✓ |
| | | Technical details | |
| | | Repairability index | 8.5 |



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