

## Samsung Galaxy A55 5G 16.8 cm (6.6") Hybrid Dual SIM Android 14 USB Type-C 8 GB 256 GB 5000 mAh Yellow



**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A556BZYCEUB

**Product name :** A55 5G

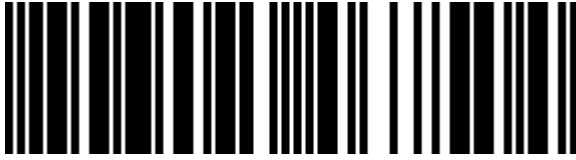
- Awesome Camera
- Awesome Performance
- Awesome Durability

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: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Hybrid Dual SIM. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Yellow. Weight: 213 g

| Display                                 |                        | Camera                               |  |
|---|------------------------|--------------------------------------|--|
| Display diagonal *                      | 16.8 cm (6.6")         | Camera High Dynamic Range (HDR) mode | ✓  |
| Screen shape                            | Flat                   | Time lapse mode                      | ✓  |
| Display technology marketing name       | Super AMOLED           | Image stabilizer                     | ✓  |
| Panel type                              | AMOLED                 | Image stabilizer type                | Optical Image Stabilization (OIS)  |
| Display glass type                      | Gorilla Glass          | Night mode                           | ✓  |
| Gorilla Glass version                   | Gorilla Glass Victus+  | Panorama                             | ✓  |
| Display resolution *                    | 1080 x 2340 pixels     | Macro photography                    | ✓  |
| Display number of colours               | 16 million colours     |                                      |  |
| Maximum refresh rate                    | 120 Hz                 | Network                              |  |
| Display brightness                      | 1000 cd/m <sup>2</sup> | SIM card capability *                | Hybrid Dual SIM  |
| Maximum display brightness (Outdoor)    | 1650 cd/m <sup>2</sup> | Mobile network generation *          | 5G   |
| Pixel density                           | 389 ppi                | SIM card type *                      | NanoSIM + eSIM   |
| Brand specific technologies             | Always-on display      | 3G standards *                       | UMTS, WCDMA  |
| Processor                               |                        | 4G standard *                        | LTE-TDD & LTE-FDD  |
| Processor family *                      | Samsung Exynos         | 5G standard *                        | Sub6 FDD, Sub6 TDD   |
| Processor cores                         | 8                      | Wi-Fi *                              | ✓  |
| Processor boost frequency               | 2.75 GHz               | Wi-Fi standards                      | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Processor frequency *                   | 2 GHz                  | Bluetooth *                          | ✓  |
| Storage                                 |                        | Bluetooth version                    | 5.3  |
| User memory                             | 235.5 GB               | Wi-Fi Direct                         | ✓  |
| RAM capacity *                          | 8 GB                   | MIMO                                 | ✓  |
| Internal storage capacity *             | 256 GB                 | Modulation                           | 1024-QAM   |
| Compatible memory cards *               | MicroSD (TransFlash)   | Ports & interfaces                   |  |
| Maximum memory card size                | 1 TB                   | USB port *                           | ✓  |
| Camera                                  |                        | USB connector type                   | USB Type-C   |
| Rear camera sensor size                 | 1/1.56"                | USB version                          | 2.0  |
| Second rear camera sensor size          | 1/3.06"                | Design                               |  |
| Third rear camera sensor size           | 1/5"                   | Form factor *                        | Bar  |
| Rear camera resolution (numeric) *      | 50 MP                  | Product colour *                     | Yellow   |
| Second rear camera resolution (numeric) | 12 MP                  | Colour name                          | Awesome Lemon  |
| Third rear camera resolution (numeric)  | 5 MP                   | International Protection (IP) code   | IP67   |
| Rear camera aperture number             | 1.8                    | Housing material                     | Glass, Metal   |
| Second rear camera aperture number      | 2.2                    | Performance                          |  |
| Third rear camera aperture number       | 2.4                    | Fast charging                        | ✓  |
| Rear camera pixel size                  | 1 µm                   | Fingerprint reader                   | ✓  |
| Second rear camera pixel size           | 1.12 µm                | Face recognition                     | ✓  |

| Camera                                       |  | Navigation                           |   |
|--|--|--------------------------------------|---|
| Third rear camera pixel size                 | 1.12 µm  | GPS (satellite)                      | ✓   |
| Rear camera field of view (FOV) angle        | 84°  | GLONASS                              | ✓   |
| Second rear camera field of view (FOV) angle | 123°   | BeiDou                               | ✓   |
| Third rear camera field of view (FOV) angle  | 78°  | Galileo                              | ✓   |
| Digital zoom                                 | 10x  | Quasi-Zenith Satellite System (QZSS) | ✓   |
| Front camera type *                          | Single camera  | Position location *                  | ✓   |
| Front camera sensor size                     | 1/2.74"  | Multimedia                           |   |
| Front camera resolution (numeric) *          | 32 MP  | Audio system                         | Dolby Atmos   |
| Front camera aperture number                 | 2.2  | Audio formats supported              | 3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF |
| Front camera pixel size                      | 0.8 µm   | Video formats supported              | 3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM   |
| Front camera field of view (FOV) angle       | 81°  | Software                             |   |
| Rear camera flash *                          | ✓  | Platform *                           | Android   |
| Flash type                                   | LED  | Operating system installed *         | Android 14  |
| Video capture resolution (max)               | 3840 x 2160 pixels   | Battery                              |   |
| Maximum frame rate                           | 240 fps  | Removable battery                    | ✗   |
| Resolution at capture speed                  | 1280x720@30fps,<br>1920x1080@30fps,<br>1920x1080@60fps,<br>3840x2160@30fps | Battery capacity *                   | 5000 mAh  |
| Rear camera type *                           | Triple camera  | Sensors                              |   |
| Auto focus                                   | ✓  | Proximity sensor                     | ✓   |
|  |  | Accelerometer                        | ✓   |
|  |  | Ambient light sensor                 | ✓   |
|  |  | Gyroscope                            | ✓   |
|  |  | 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                 | ✓   |



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Publication date: 14-JUN-2024. Prints or copies of Information are only valid on the printed Publication date