

## Samsung Galaxy A16 17 cm (6.7") Hybrid Dual SIM 4G USB Type-C 4 GB 128 GB 5000 mAh Green



**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A165FLGBEUE

**Product name :** Galaxy A16

Samsung Galaxy A16 . Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz. RAM capacity: 4 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: Green. Weight: 200 g

| Display                                 |                      | Messaging                            |                                                                                               |
|-----------------------------------------|----------------------|--------------------------------------|-----------------------------------------------------------------------------------------------|
| Display diagonal *                      | 17 cm (6.7")         | Short Message Service (SMS)          | ✓                                                                                             |
| Display technology marketing name       | Super AMOLED         | E-mail                               | ✓                                                                                             |
| Panel type                              | AMOLED               | Navigation                           |                                                                                               |
| Display resolution *                    | 1080 x 2340 pixels   | GPS (satellite)                      | ✓                                                                                             |
| Display number of colours               | 16 million colours   | GLONASS                              | ✓                                                                                             |
| Processor                               |                      | BeiDou                               | ✓                                                                                             |
| Processor cores                         | 8                    | Galileo                              | ✓                                                                                             |
| Processor boost frequency               | 2.2 GHz              | Quasi-Zenith Satellite System (QZSS) | ✓                                                                                             |
| Processor frequency *                   | 2 GHz                | Position location *                  | ✓                                                                                             |
| Storage                                 |                      | Design                               |                                                                                               |
| User memory                             | 108.3 GB             | Form factor *                        | Bar                                                                                           |
| RAM capacity *                          | 4 GB                 | Product colour *                     | Green                                                                                         |
| Internal storage capacity *             | 128 GB               | Performance                          |                                                                                               |
| Compatible memory cards *               | MicroSD (TransFlash) | Video call                           | ✓                                                                                             |
| Maximum memory card size                | 1.5 TB               | Fingerprint reader                   | ✓                                                                                             |
| Camera                                  |                      | Speakerphone                         | ✓                                                                                             |
| Rear camera resolution (numeric) *      | 50 MP                | Vibrating alert                      | ✓                                                                                             |
| Second rear camera resolution (numeric) | 5 MP                 | Multimedia                           |                                                                                               |
| Third rear camera resolution (numeric)  | 2 MP                 | Speakers                             | Mono                                                                                          |
| Rear camera aperture number             | 1.8                  | Audio formats supported              | 3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF |
| Second rear camera aperture number      | 2.2                  | Video formats supported              | 3G2, 3GP, AV1, FLV, M4V, MKV, MP4, WEBM                                                       |
| Third rear camera aperture number       | 2.4                  | Software                             |                                                                                               |
| Digital zoom                            | 10x                  | Platform *                           | Android                                                                                       |
| Front camera type *                     | Single camera        | Battery                              |                                                                                               |
| Front camera resolution (numeric) *     | 13 MP                | Removable battery                    | ✗                                                                                             |
| Front camera aperture number            | 2                    | Battery capacity *                   | 5000 mAh                                                                                      |
| Rear camera flash *                     | ✓                    | Browsing time (Wi-Fi)                | 18 h                                                                                          |
| Video capture resolution (max)          | 1920 x 1080 pixels   | Browsing time (4G)                   | 19 h                                                                                          |
| Maximum frame rate                      | 120 fps              | Wireless audio playback time         | 74 h                                                                                          |
| Rear camera type *                      | Triple camera        | Wireless video playback time         | 18 h                                                                                          |
| Auto focus                              | ✓                    |                                      |                                                                                               |
| Slow motion mode                        | ✓                    |                                      |                                                                                               |
| Slow motion rate                        | 120fps @HD           |                                      |                                                                                               |

| Network                        |                                                                  | Sensors                                    |            |
|--------------------------------|------------------------------------------------------------------|--------------------------------------------|------------|
| SIM card capability *          | Hybrid Dual SIM                                                  | Proximity sensor                           | ✓          |
| Mobile network generation *    | 4G                                                               | Accelerometer                              | ✓          |
| SIM card type *                | NanoSIM                                                          | Ambient light sensor                       | ✓          |
| 3G standards *                 | UMTS, WCDMA                                                      | Magnetic sensor                            | ✓          |
| 4G standard *                  | LTE-TDD & LTE-FDD                                                |                                            |            |
| 5G standard *                  | Not supported                                                    |                                            |            |
| Top Wi-Fi standard *           | Wi-Fi 5 (802.11ac)                                               |                                            |            |
| Wi-Fi standards                | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac) |                                            |            |
| Bluetooth *                    | ✓                                                                |                                            |            |
| Bluetooth version              | 5.3                                                              |                                            |            |
| 3G bands supported             | 850,900,2100 MHz                                                 |                                            |            |
| 4G bands supported             | 700,800,850,900,1800,2100,2300,2500,2600 MHz                     |                                            |            |
| Wi-Fi Direct                   | ✓                                                                |                                            |            |
| Near Field Communication (NFC) | ✓                                                                |                                            |            |
| Subscription                   |                                                                  | Power                                      |            |
| Subscription type *            | No subscription                                                  | 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) * | 25 W       |
| Ports & interfaces             |                                                                  | Endurance                                  |            |
| USB port                       | ✓                                                                | Energy efficiency class *                  | B          |
| USB connector type             | USB Type-C                                                       | Energy efficiency scale                    | A to G     |
| USB version                    | 2.0                                                              | Battery endurance per cycle *              | 2710 min   |
| Headphone connectivity         | USB Type-C                                                       | Battery endurance in cycles *              | 1200       |
|                                |                                                                  | Repeated free fall reliability class *     | B          |
|                                |                                                                  | Repairability class *                      | C          |
|                                |                                                                  | International Protection (IP) code *       | IP54       |
|                                |                                                                  | Weight & dimensions                        |            |
|                                |                                                                  | Width                                      | 77.9 mm    |
|                                |                                                                  | Depth                                      | 7.9 mm     |
|                                |                                                                  | Height                                     | 164.4 mm   |
|                                |                                                                  | Weight *                                   | 200 g      |
|                                |                                                                  | Packaging content                          |            |
|                                |                                                                  | AC adapter included *                      | ✗          |
|                                |                                                                  | Cables included                            | USB Type-C |
|                                |                                                                  | Other features                             |            |
|                                |                                                                  | Repairability index                        | 8.3        |



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### Catalog Object Cloud



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