

Samsung Galaxy A57 5G 17 cm (6.7") Dual SIM USB Type-C 8 GB  
256 GB 5000 mAh Navy

Brand : Samsung                      Product family: Galaxy                      Product code: SM-A576BDBDEUB

Product name : A57 5G

- Awesome Design  
- Awesome Camera  
- Awesome Intelligence  
6.7", 8GB RAM, 256GB ROM, 50MP+12MP+5MP/12MP, 5G, Dual-SIM, 802.11a/b/g/n/ac/ax, Bluetooth 6.0, 5000 mAh  
Samsung Galaxy A57 5G. Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels.  
Processor frequency: 2.6 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. Battery capacity: 5000 mAh. Product colour: Navy. Weight: 179 g

| Display                                 |                       | Ports & interfaces                   |                                                                                               |
|-----------------------------------------|-----------------------|--------------------------------------|-----------------------------------------------------------------------------------------------|
| Display diagonal *                      | 17 cm (6.7")          | USB connector type                   | USB Type-C                                                                                    |
| Screen shape                            | Flat                  | USB version                          | 2.0                                                                                           |
| Display technology marketing name       | Super AMOLED Plus     | Headphone connectivity               | USB Type-C                                                                                    |
| Display glass type                      | Gorilla Glass         | Mobile High-Definition Link (MHL)    | ✗                                                                                             |
| Gorilla Glass version                   | Gorilla Glass Victus+ | Navigation                           |                                                                                               |
| Display resolution *                    | 1080 x 2340 pixels    | GPS (satellite)                      | ✓                                                                                             |
| Display number of colours               | 16 million colours    | GLONASS                              | ✓                                                                                             |
| Maximum refresh rate                    | 120 Hz                | BeiDou                               | ✓                                                                                             |
| Processor                               |                       | Galileo                              | ✓                                                                                             |
| Processor cores                         | 8                     | Quasi-Zenith Satellite System (QZSS) | ✓                                                                                             |
| Processor boost frequency               | 2.9 GHz               | Position location *                  | ✓                                                                                             |
| Processor frequency *                   | 2.6 GHz               | Design                               |                                                                                               |
| Storage                                 |                       | Form factor *                        | Bar                                                                                           |
| User memory                             | 231.9 GB              | Product colour *                     | Navy                                                                                          |
| RAM capacity *                          | 8 GB                  | Colour name                          | Awesome Navy                                                                                  |
| Internal storage capacity *             | 256 GB                | Performance                          |                                                                                               |
| Camera                                  |                       | Fingerprint reader                   | ✓                                                                                             |
| Rear camera resolution (numeric) *      | 50 MP                 | Hearing aid compatibility            | ✓                                                                                             |
| Second rear camera resolution (numeric) | 12 MP                 | Multimedia                           |                                                                                               |
| Third rear camera resolution (numeric)  | 5 MP                  | Speakers                             | stereo                                                                                        |
| Fourth rear camera resolution (numeric) | 50 MP                 | Audio formats supported              | 3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF |
| Rear camera aperture number             | 1.8                   | Video formats supported              | 3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM                                                       |
| Second rear camera aperture number      | 2.2                   | Software                             |                                                                                               |
| Third rear camera aperture number       | 2.4                   | Platform *                           | Android                                                                                       |
| 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 capacity *                   | 5000 mAh                                                                                      |
| Rear camera flash *                     | ✓                     | Continuous video playback time       | 29 h                                                                                          |
| Video capture resolution (max)          | 3840 x 2160 pixels    | Sensors                              |                                                                                               |
| Maximum frame rate                      | 30 fps                | Proximity sensor                     | ✓                                                                                             |
| Rear camera type *                      | Triple camera         | Accelerometer                        | ✓                                                                                             |
| Auto focus                              | ✓                     |                                      |                                                                                               |
| Zoom capability                         | ✓                     |                                      |                                                                                               |

| Camera                               |                                                                                      | Sensors                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera High Dynamic Range (HDR) mode | ✓                                                                                    | Ambient light sensor                       | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Image stabilizer                     | ✓                                                                                    | Gyroscope                                  | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Image stabilizer type                | Optical Image Stabilization (OIS)                                                    | Geomagnetic sensor                         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Night mode                           | ✓                                                                                    | Power                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Macro photography                    | ✓                                                                                    | USB Type-C charging port *                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Slow motion mode                     | ✓                                                                                    | USB Type-C required charging power (min) * | 10 W                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Slow motion rate                     | 240fps @HD                                                                           | USB Type-C required charging power (max) * | 45 W                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| AI scene recognition                 | ✓                                                                                    | Endurance                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Network                              |                                                                                      | Energy efficiency class *                  | A                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SIM card capability *                | Dual SIM                                                                             | Energy efficiency scale                    | A to G                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mobile network generation *          | 5G                                                                                   | Battery endurance per cycle *              | 3120 min                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SIM card type *                      | NanoSIM + eSIM                                                                       | Battery endurance in cycles *              | 1200                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2G standards                         | GSM                                                                                  | Repeated free fall reliability class *     | A                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3G standards *                       | WCDMA                                                                                | Repairability class *                      | C                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 4G standard *                        | LTE-TDD & LTE-FDD                                                                    | International Protection (IP) code *       | IP68                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5G standard *                        | Sub6 TDD                                                                             | Weight & dimensions                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Top Wi-Fi standard *                 | Wi-Fi 6 (802.11ax)                                                                   | Width                                      | 76.8 mm                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Wi-Fi standards                      | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) | Depth                                      | 6.9 mm                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Bluetooth *                          | ✓                                                                                    | Height                                     | 161.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bluetooth version                    | 6.0                                                                                  | Weight *                                   | 179 g                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2G bands (primary SIM)               | 850,1900,1800,900 MHz                                                                | Other features                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3G bands supported                   | 2100,900,1900,850,1700 MHz                                                           | 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 |
| 4G bands supported                   | 2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz                          |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5G bands supported                   | 2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz                          |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Wi-Fi Direct                         | ✓                                                                                    |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MIMO                                 | ✓                                                                                    |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Modulation                           | 1024-QAM                                                                             | Technical details                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                      |                                                                                      | Security update term                       | 31 March 2032                                                                                                                                                                                                                                                                                                                                                                                                                                  |



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### Catalog Object Cloud



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