

## Samsung Galaxy Watch Ultra 3.81 cm (1.5") AMOLED 47 mm Digital 480 x 480 pixels Touchscreen 4G Silver Wi-Fi GPS (satellite)

**Brand :** Samsung

**Product family:** Galaxy Watch  
Ultra

**Product code:** SM-  
L705FZS2DBT

**Product name :** Galaxy Watch  
Ultra

Samsung Galaxy Watch Ultra . Display diagonal: 3.81 cm (1.5"), Display technology: AMOLED, Display resolution: 480 x 480 pixels, Touchscreen. Processor frequency: 1600 MHz. RAM capacity: 2000 MB, Flash memory: 64 GB. Wi-Fi. GPS (satellite). Battery capacity: 590 mAh. Weight: 60.5 g. Band material: Titanium, Band colour: Black, Band size: One Size. Operating system installed: Wear OS



| Display                            |                    | Features                    |                                             |
|------------------------------------|--------------------|-----------------------------|---------------------------------------------|
| Display diagonal *                 | 3.81 cm (1.5")     | Electronic compass          | ✓                                           |
| Display technology *               | AMOLED             | Geomagnetic sensor          | ✓                                           |
| Display technology marketing name  | Super AMOLED       | Skin temperature sensor     | ✓                                           |
| Display brightness                 | 600 cd/m²          | Stress monitoring function  | ✓                                           |
| Pixel density                      | 327 ppi            | Calendar                    | ✓                                           |
| Always-on display                  | ✓                  | Stopwatch                   | ✓                                           |
| Colour display                     | ✓                  | Weather forecast            | ✓                                           |
| Display type *                     | Digital            | Barometer                   | ✓                                           |
| Display resolution *               | 480 x 480 pixels   | Military standard           | MIL-STD-810H                                |
| Touchscreen *                      | ✓                  |                             |                                             |
| Display number of colours          | 16 million colours |                             |                                             |
| Processor                          |                    | Network                     |                                             |
| Processor frequency                | 1600 MHz           | Mobile network connection * | ✓                                           |
| Processor cores                    | 5                  | Mobile network generation   | 4G                                          |
|                                    |                    | 3G standards                | UMTS, WCDMA                                 |
|                                    |                    | 4G standard                 | LTE-TDD & LTE-FDD                           |
|                                    |                    | 3G bands supported          | 850,900,1900,2100 MHz                       |
|                                    |                    | 4G bands supported          | 600,700,800,850,900,1800,1900,2100,2600 MHz |
| Design                             |                    | SIM card type               | eSIM                                        |
| Band material *                    | Titanium           | GPS (satellite)             | ✓                                           |
| Band size *                        | One Size           | BeiDou                      | ✓                                           |
| Shape *                            | Round              | GLONASS                     | ✓                                           |
| Market positioning *               | Smartwatch         | Galileo                     | ✓                                           |
| Watch case size *                  | 47 mm              |                             |                                             |
| Watch case colour *                | Silver             |                             |                                             |
| Watch case material *              | Titanium           |                             |                                             |
| Band colour *                      | Black              |                             |                                             |
| International Protection (IP) code | IP68               |                             |                                             |

| Design                     |                                             | Ports & interfaces               |                                              |
|----------------------------|---------------------------------------------|----------------------------------|----------------------------------------------|
| Water resistance           | 10 ATM                                      | Wi-Fi standards                  | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n) |
| Performance                |                                             | Bluetooth                        | ✓                                            |
| FM radio *                 | ✗                                           | Bluetooth profiles               | A2DP, AVRCP, HFP, HSP                        |
| Operating system installed | Wear OS                                     | USB port *                       | ✗                                            |
| RAM capacity               | 2000 MB                                     | Near Field Communication (NFC) * | ✓                                            |
| Flash memory               | 64 GB                                       | Wi-Fi *                          | ✓                                            |
| Built-in microphone *      | ✓                                           | Bluetooth version *              | 5.3                                          |
| Built-in speaker(s) *      | ✓                                           | Headphone connectivity *         | No                                           |
| Built-in camera *          | ✗                                           | Power                            |                                              |
| Fall detection             | ✓                                           | Battery type *                   | Built-in battery                             |
| Features                   |                                             | Battery capacity *               | 590 mAh                                      |
| Heart rate monitor *       | ✓                                           | Battery life (GPS mode)          | 48 h                                         |
| Heart rate sensor type     | Electrical, Optical                         | Battery life (power save mode)   | 100 h                                        |
| Blood pressure monitor     | ✓                                           | Wireless charging                | ✓                                            |
| Pedometer                  | ✓                                           | Charging time                    | 1.6 h                                        |
| Accelerometer              | ✓                                           | Operational conditions           |                                              |
| Gyroscope                  | ✓                                           | Operating temperature (T-T)      | -20 - 55 °C                                  |
| Activity tracker           | ✓                                           | Operating altitude               | -500 - 9000 m                                |
| Personal goals             | ✓                                           | Software                         |                                              |
| Quality of sleep           | ✓                                           | Sports activity apps             | Samsung Health                               |
| Audio formats supported    | 3GA, AAC, AMR, AWB, M4A, MP3, OGA, OGG, WAV | Weight & dimensions              |                                              |
| Virtual assistant          | Samsung Bixby                               | Width                            | 47.4 mm                                      |
| Voice recording            | ✓                                           | Depth                            | 47.1 mm                                      |
|                            |                                             | Thickness                        | 1.21 cm                                      |
|                            |                                             | Weight                           | 60.5 g                                       |



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### **Catalog Object Cloud**



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