Samsung Galaxy Watch Ultra LTE (47mm)

Brand : Samsung

Product family: Galaxy Watch Ultra

Product code: SM-L705FDAAXAC

Product name : Galaxy Watch Ultra LTE (47mm)

- Aerospace-grade titanium
- Galaxy AI-powered health insights
- 10 ATM water resistance
- Up to 100-hour battery life
Galaxy Watch Ultra LTE (47mm)
Samsung Galaxy Watch Ultra LTE (47mm). 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: 32 GB. Wi-Fi. GPS (satellite). Battery capacity: 590 mAh. Weight: 60.5 g. Band colour: Orange, Band size: One Size. Operating system installed: Wear OS

Display

Display diagonal *	3.81 cm (1.5")
Display technology *	AMOLED
Display technology marketing name	Super AMOLED
Display brightness	600 cd/m²
Pixel density	327 ppi
Always-on display	✔
Display type *	Digital
Display resolution *	480 x 480 pixels
Touchscreen *	✔
Display number of colours	16 million colours

Processor

Processor frequency	1600 MHz
Processor cores	5

Design

Band size *	One Size
Shape *	Round
Market positioning *	Smartwatch
Watch case size *	47 mm
Watch case colour *	Grey
Watch case material *	Titanium
Band colour *	Orange
International Protection (IP) code	IP68
Water resistance	10 ATM

Performance

Operating system installed	Wear OS

Features

Electronic compass	✔
Geomagnetic sensor	✔
Skin temperature sensor	✔
Stress monitoring function	✔
Calendar	✔
Stopwatch	✔
Weather forecast	✔
Barometer	✔
Military standard	MIL-STD-810H

Network

Mobile network connection *	✔
Mobile network generation	4G
3G standards	WCDMA
4G standard	LTE-TDD & LTE-FDD
3G bands supported	2100,900,1900,850,1700 MHz
4G bands supported	2100,1800,850,2600,900,800,700,1900,2300,600,1700 MHz
SIM card type	eSIM
GPS (satellite)	✔
BeiDou	✔
GLONASS	✔
Galileo	✔

Ports & interfaces

Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	✔
Bluetooth profiles	A2DP, AVRCP, HFP, HSP

Performance

RAM capacity	2000 MB
Flash memory	32 GB
Built-in microphone *	✔
Built-in speaker(s) *	✔
Fall detection	✔

Features

Heart rate monitor *	✔
Heart rate sensor type	Electrical, Optical
Blood pressure monitor	✔
Pedometer	✔
Accelerometer	✔
Gyroscope	✔
Activity tracker	✔
Personal goals	✔
Quality of sleep	✔
Audio formats supported	3GA, AAC, AMR, AWB, M4A, MP3, OGA, OGG, WAV
Ambient light sensor	✔
Virtual assistant	Samsung Bixby
Voice recording	✔

Ports & interfaces

Near Field Communication (NFC) *	✔
Wi-Fi *	✔
Bluetooth version *	5.3

Power

Battery type *	Built-in battery
Battery capacity *	590 mAh
Battery life (max) *	80 h
Battery life (GPS mode)	48 h
Battery life (power save mode)	100 h
Wireless charging	✔
Charging time	1.63 h

Operational conditions

Operating temperature (T-T)	-20 - 55 °C
Operating altitude	-500 - 9000 m

Weight & dimensions

Width	47.1 mm
Depth	47.4 mm
Thickness	1.21 cm
Weight	60.5 g

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