SAMSUNG

Samsung Galaxy Tab S12 Ultra 5G 512 GB 37.1 cm (14.6") 12 GB Wi-Fi 7 (802.11be) Grey



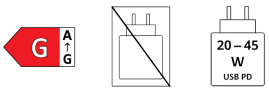
Brand : Samsung

Product code: SM-X946BZAPEUB

Product name : Galaxy Tab S12 Ultra 5G

- Thin and Light
- S Pen in the box
- Up to 23 hrs battery

Galaxy Tab S12 Ultra, 5G, 12GB+512GB, Gray
Samsung Galaxy Tab S12 Ultra 5G. Display diagonal: 37.1 cm (14.6"), Display resolution: 2960 x 1848 pixels. Internal storage capacity: 512 GB. Processor frequency: 3.5 GHz. Internal memory: 12 GB. Rear camera resolution (numeric): 13 MP, Rear camera type: Dual camera, Front camera resolution (numeric): 12 MP, Front camera. Top Wi-Fi standard: Wi-Fi 7 (802.11be). Card reader integrated. Weight: 695 g. Product colour: Grey



Display	
Display diagonal *	37.1 cm (14.6")
Display resolution *	2960 x 1848 pixels
LED backlight	✔
Display technology marketing name	Dynamic AMOLED 2X
Display brightness	1600 cd/m²
Display number of colours	16 million colours

Processor	
Processor cores	8
Processor boost frequency	4.21 GHz
Processor frequency *	3.5 GHz

Memory	
Internal memory *	12 GB

Storage	
Internal storage capacity *	512 GB
Card reader integrated *	✔
Compatible memory cards	MicroSD (TransFlash)
Maximum memory card size	2 TB
User memory	475.2 GB

Camera	
Rear camera type *	Dual camera
Rear camera resolution (numeric) *	13 MP
Second rear camera resolution (numeric)	8 MP
Auto focus	✔
Rear camera flash	✔
Maximum video resolution	3840 x 2160 pixels
Video capturing speed	60 fps
Front camera *	✔
Front camera resolution (numeric)	12 MP

Network	
Mobile network generation	5G
Mobile network connection *	✔
Bluetooth	✔
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi Direct	✔
Near Field Communication (NFC)	✘
3G bands supported	2100,900,1900,850,1700 MHz
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
MIMO	✔
5G bands supported	2100,700,1900,800,850,1800,2600,600,900,1700,2300,2500,3700,3500,1500 MHz

Performance	
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔

Sensors	
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Hall sensor	✔
Geomagnetic sensor	✔

Security	
Fingerprint reader	✔

Software	
Platform *	Android

Battery	
Battery capacity *	11600 mAh
Battery endurance in cycles *	1200
Fast charging	✔
Fast charging technology	Super Fast Charging 2.0
Removable battery	✘
Continuous video playback time (max)	23 h

Power	
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	20 W
USB Type-C required charging power (max) *	45 W

Endurance	
Energy efficiency class *	G
Energy efficiency scale	A to G
Battery endurance per cycle *	5334 min
Repeated free fall reliability class *	E
Repairability class *	C
International Protection (IP) code *	IP68

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Network	
Dual SIM support	✔

Ports & interfaces	
Mobile High-Definition Link (MHL)	✘

Design	
Device type *	Mobile tablet
Form factor *	Slate
Product colour *	Grey

Performance	
GLONASS	✔
BeiDou	✔
GPS (satellite)	✔

Media formats	
Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Weight & dimensions	
Width	326.3 mm
Depth	5.1 mm
Height	208.5 mm
Weight	695 g

Packaging content	
AC adapter included *	✘
Stylus pen	✔

Other features	
Video capture resolution (max)	3840 x 2160 pixels
Bluetooth profiles	A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP, PBP, TMAP
Compatibility	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
2G bands (primary SIM)	850,1900,1800,900 MHz
Security update term	30 September 2033

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