SAMSUNG

Samsung Galaxy Tab S Galaxy Tab S10+ (12.4", Wi-Fi)



Brand : Samsung

Product family: Galaxy Tab S

Product code: SM-X820NZAREUB

Product name : Galaxy Tab S10+ (12.4", Wi-Fi)



- AI-enhanced Note-taking
- Sketch to Image
- Anti-reflection tech

12.4", 2960 x 1848p, WQXGA+, Dynamic AMOLED 2X, 5G, Rear Camera 13MP + 8MP, Front Camera 12MP, 12/256B, Wi-Fi, Bluetooth 5.3, 10090mAh, Moonstone Grey 571g

Samsung Galaxy Tab S Galaxy Tab S10+ (12.4", Wi-Fi). Display diagonal: 31.5 cm (12.4"), Display resolution: 2800 x 1752 pixels. Internal storage capacity: 256 GB. Processor frequency: 2.8 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 6 (802.11ax). Assisted GPS (A-GPS). Card reader integrated. Weight: 571 g. Product colour: Grey



Display	
Display diagonal *	31.5 cm (12.4")
Display resolution *	2800 x 1752 pixels
LED backlight	✔
Panel type *	AMOLED
Display technology marketing name	Dynamic AMOLED 2X
Anti-glare screen	✔
HD type	WQXGA+
Display number of colours	16 million colours

Processor	
Processor cores	8
Processor boost frequency	3.4 GHz
Processor frequency *	2.8 GHz

Memory	
Internal memory *	12 GB

Storage	
Internal storage capacity *	256 GB
Card reader integrated *	✔
Compatible memory cards	MicroSD (TransFlash)
Maximum memory card size	1.5 TB
User memory	228.2 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	✔
Video recording	✔
Maximum video resolution	3840 x 2160 pixels
Video recording modes	2160p
Resolution at capture speed	3840x2160@30fps

Design	
Form factor *	Slate
Product colour *	Grey

Performance	
Assisted GPS (A-GPS) *	✔
GLONASS	✔
BeiDou	✔
GPS (satellite)	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Position location *	✔

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

Security	
Fingerprint reader	✔

Software	
Platform *	Android

Battery	
Battery included	✔
Battery capacity *	10090 mAh
Battery endurance in cycles *	2000
Removable battery	✘
Continuous video playback time (max)	16 h
Browsing time (Wi-Fi) (max)	11 h

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Camera	
Video capturing speed	30 fps
Front camera *	✔
Front camera resolution (numeric)	12 MP

Network	
Mobile network generation	Not supported
Mobile network connection *	✘
Bluetooth	✔
Bluetooth version	5.3
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Wi-Fi Direct	✔
Near Field Communication (NFC)	✘
MIMO	✔

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
Mobile High-Definition Link (MHL)	✘
Headphone connectivity	Bluetooth / USB-C

Design	
Colour name	Moonstone Grey
Device type *	Mobile tablet
Built-in stylus pen storage	✔

Endurance	
Energy efficiency class *	G
Energy efficiency scale	A to G
Battery endurance per cycle *	4424 min
Repeated free fall reliability class *	E
Repairability class *	C
Repairability index	2.86
International Protection (IP) code *	IP68

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	285.4 mm
Depth	5.6 mm
Height	185.4 mm
Weight	571 g

Packaging content	
Stylus pen	✔

Other features	
Video capture resolution (max)	3840 x 2160 pixels
Bluetooth profiles	A2DP, AVRCP, DI, HID, HOGP, OPP, PAN, PBP, TMAP
Compatibility	Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE
Security update term	31 October 2031

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