SAMSUNG

Samsung Galaxy Tab S9+ SM-X816B 5G Qualcomm Snapdragon 512 GB 31.5 cm (12.4") 12 GB Wi-Fi 6 (802.11ax) Android 13 Graphite

Brand : Samsung

Product family: Galaxy Tab S9+

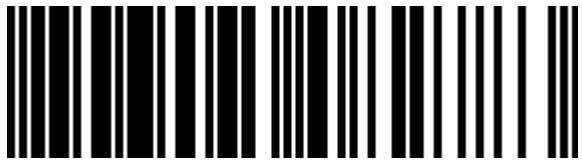**Product code:** SM-X816BZAEEUB

Product name : SM-X816B

- Get a crystal-clear, comfortable view with Dynamic AMOLED 2X
- Unified design. The beauty is in the details
- The first water and dust-resistant Galaxy S tablet ever
- Pro-level creative apps with enhanced S Pen for your imagination
SM-X816BZAEEUB
Samsung Galaxy Tab S9+ SM-X816B. Display diagonal: 31.5 cm (12.4"), Display resolution: 2800 x 1752 pixels, Display technology: AMOLED. Internal storage capacity: 512 GB. Processor family: Qualcomm Snapdragon. Internal memory: 12 GB. Rear camera resolution (numeric): 13 MP, Rear camera type: Dual camera, Front camera resolution (numeric): 12 MP. Top Wi-Fi standard: Wi-Fi 6 (802.11ax). Assisted GPS (A-GPS). Card reader integrated. Weight: 586 g. Operating system installed: Android 13. Product colour: Graphite

Display

Display diagonal *	31.5 cm (12.4")
Display resolution *	2800 x 1752 pixels
Display technology	AMOLED
Display technology marketing name	Dynamic AMOLED 2X
Display brightness	500 cd/m²
Display glass type	Gorilla Glass
HD type	WQXGA+
Display number of colours	16 million colours

Processor

Processor manufacturer *	Qualcomm
Processor family *	Qualcomm Snapdragon
Processor cores	8
Processor boost frequency	3.36 GHz

Memory

Internal memory *	12 GB

Storage

Internal storage capacity *	512 GB
Card reader integrated *	✓
Compatible memory cards	MicroSD (TransFlash)
Maximum memory card size	1 TB

Audio

Speakers manufacturer	AKG
Audio system	Dolby Atmos

Camera

Rear camera type *	Dual camera
Rear camera resolution (numeric) *	13 MP
Second rear camera resolution (numeric)	8 MP
Rear camera aperture number	2
Second rear camera aperture number	2.2
Rear camera field of view (FOV) angle	80°
Second rear camera field of view (FOV) angle	120°
Digital zoom	8x

Network

Mobile network generation	5G
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 6 (802.11ax)
Wi-Fi Direct	✓

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1

Design

Device type *	Mobile tablet
Housing material	Aluminium
Form factor *	Slate
Product colour *	Graphite
Protection features	Dust resistant, Water resistant
International Protection (IP) code	IP68

Performance

Assisted GPS (A-GPS) *	✓
GLONASS	✓
BeiDou	✓
GPS (satellite)	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓
Hall sensor	✓
Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, YouTube
Position location *	✓

Security

Fingerprint reader	✓

Camera

Auto focus	✔
Panorama	✔
Time lapse mode	✔
Rear camera flash	✔
Video recording	✔
Maximum video resolution	3840 x 2160 pixels
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 3840x2160@30fps
Front camera *	✔
Front camera resolution (numeric)	12 MP
Front camera aperture number	2.4
Front camera field of view (FOV) angle	120°

Software

Platform *	Android
Operating system installed *	Android 13

Battery

Battery included	✔
Battery capacity *	10090 mAh
Wireless charging	✘
Fast charging	✔
Continuous video playback time	16 h
Continuous audio playback time	154 h
Browsing time (Wi-Fi)	10 h

Weight & dimensions

Width	285.4 mm
Depth	5.7 mm
Height	185.4 mm
Weight	586 g

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