

## Samsung Galaxy Tab S9+ SM-X816B 5G Qualcomm Snapdragon LTE-TDD & LTE-FDD 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-X816BZAEXSA

**Product name :** SM-X816B

12.4" 2800 x 1752 (WQXGA+), Dynamic AMOLED 2X, Qualcomm Snapdragon 8 Gen 2, 13MP+8MP/12MP, 5G, 802.11 a/b/g/n/ac/ax, Bluetooth 5.3, 10090 mAh, IP68

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, Processor model: 8 gen 2. Internal memory: 12 GB. Rear camera resolution (numeric): 13 MP, 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		Network	
Display diagonal *	31,5 cm (12.4")	3G standards	UMTS
Display resolution *	2800 x 1752 pixels	4G standard	LTE-TDD & LTE-FDD
Display technology	AMOLED	5G standard	Sub6 FDD, Sub6 TDD
Display technology marketing name	Dynamic AMOLED 2X	Bluetooth	✓
Display brightness	500 cd/m <sup>2</sup>	Bluetooth version	5.3
Display glass type	Gorilla Glass	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
HD type	WQXGA+	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Display number of colours	16 million colours	Wi-Fi Direct	✓
<b>Processor</b>		3G bands supported	850,900,1900,2100 MHz
Processor manufacturer *	Qualcomm	4G bands supported	700,800,850,900,1800,1900,2100,2300,2500,2600 MHz
Processor family *	Qualcomm Snapdragon	5G bands supported	700,850,1800,2100,2300,2500,2600,3500,3700 MHz
Processor model *	8 gen 2	<b>Ports &amp; interfaces</b>	
Processor cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
Processor boost frequency	3,36 GHz	<b>Phone features</b>	
<b>Memory</b>		Video call	✓
Internal memory *	12 GB	<b>Design</b>	
<b>Storage</b>		Device type *	Mobile tablet
Internal storage capacity *	512 GB	Housing material	Aluminium
Card reader integrated *	✓	Form factor *	Slate
Compatible memory cards	MicroSD (TransFlash)	Product colour *	Graphite
Maximum memory card size	1 TB	Protection features	Dust resistant, Water resistant
User memory	454,9 GB	International Protection (IP) code	IP68
<b>Audio</b>		<b>Performance</b>	
Number of built-in speakers	4	Assisted GPS (A-GPS) *	✓
Speakers manufacturer	AKG	GLONASS	✓
Audio system	Dolby Atmos	BeiDou	✓
<b>Camera</b>		GPS (satellite)	✓
Rear camera type *	Dual camera	Galileo	✓
Rear camera resolution (numeric) *	13 MP	Quasi-Zenith Satellite System (QZSS)	✓
Second rear camera resolution (numeric)	8 MP	Accelerometer	✓
Rear camera aperture number	2	Ambient light sensor	✓
Second rear camera aperture number	2,2	Gyroscope	✓
Rear camera field of view (FOV) angle	80°	Hall sensor	✓
Second rear camera field of view (FOV) angle	120°	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, YouTube
		Position location *	✓

Camera		Security	
Digital zoom	8x	Fingerprint reader	✓
Auto focus	✓	Software	
Panorama	✓	Platform *	Android
Time lapse mode	✓	Operating system installed *	Android 13
Rear camera flash	✓	Battery	
Video recording	✓	Battery included	✓
Maximum video resolution	3840 x 2160 pixels	Battery capacity *	10090 mAh
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 3840x2160@30fps	Wireless charging	✗
Front camera *	✓	Fast charging	✓
Front camera resolution (numeric)	12 MP	Continuous video playback time	16 h
Front camera aperture number	2,4	Continuous audio playback time	154 h
Front camera field of view (FOV) angle	120°	Browsing time (Wi-Fi)	10 h
Network		Weight & dimensions	
Mobile network generation	5G	Width	285,4 mm
Mobile network connection *	✓	Depth	5,7 mm
		Height	185,4 mm
		Weight	586 g

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