

Samsung Galaxy Tab S9+ SM-X810N 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-X810NZAEXSA

Product name : SM-X810N



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

Samsung Galaxy Tab S9+ SM-X810N. 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, Rear camera type: Dual camera, Front camera resolution (numeric): 12 MP. Top Wi-Fi standard: Wi-Fi 6 (802.11ax). Card reader integrated. Weight: 581 g. Operating system installed: Android 13. Product colour: Graphite

Display		Network	
Display diagonal *	31,5 cm (12.4")	Mobile network connection *	✗
Display resolution *	2800 x 1752 pixels	Bluetooth	✓
Display technology	AMOLED	Bluetooth version	5.3
Display technology marketing name	Dynamic AMOLED 2X	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display brightness	500 cd/m ²	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 glass type	Gorilla Glass	Wi-Fi Direct	✓
HD type	WQXGA+		
Display number of colours	16 million colours		
Processor		Ports & interfaces	
Processor manufacturer *	Qualcomm	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
Processor family *	Qualcomm Snapdragon		
Processor model *	8 gen 2	Phone features	
Processor cores	8	Video call	✓
Processor boost frequency	3,36 GHz	Design	
Memory		Device type *	Mobile tablet
Internal memory *	12 GB	Housing material	Aluminium
Storage		Form factor *	Slate
Internal storage capacity *	512 GB	Product colour *	Graphite
Card reader integrated *	✓	Protection features	Dust resistant, Water resistant
Compatible memory cards	MicroSD (TransFlash)	International Protection (IP) code	IP68
Maximum memory card size	1 TB	Performance	
User memory	454,9 GB	Assisted GPS (A-GPS) *	✗
Audio		GLONASS	✓
Number of built-in speakers	2	BeiDou	✓
Speakers manufacturer	AKG	GPS (satellite)	✓
Audio system	Dolby Atmos	Galileo	✓
Camera		Quasi-Zenith Satellite System (QZSS)	✓
Rear camera type *	Dual camera	Accelerometer	✓
Rear camera resolution (numeric) *	13 MP	Ambient light sensor	✓
Second rear camera resolution (numeric)	8 MP	Gyroscope	✓
Rear camera aperture number	2	Hall sensor	✓
Second rear camera aperture number	2,2	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, YouTube
Rear camera field of view (FOV) angle	80°	Position location *	✓
Second rear camera field of view (FOV) angle	120°	Security	
Digital zoom	8x	Fingerprint reader	✓
Auto focus	✓	Software	
		Platform *	Android

Camera		Software	
Panorama	✓	Operating system installed *	Android 13
Time lapse mode	✓	Battery	
Rear camera flash	✓	Battery included	✓
Video recording	✓	Battery capacity *	10090 mAh
Maximum video resolution	3840 x 2160 pixels	Wireless charging	✗
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 3840x2160@30fps	Fast charging	✓
Front camera *	✓	Continuous video playback time	16 h
Front camera resolution (numeric)	12 MP	Continuous audio playback time	154 h
Front camera aperture number	2,4	Browsing time (Wi-Fi)	10 h
Front camera field of view (FOV) angle	120°	Weight & dimensions	
		Width	285,4 mm
		Depth	5,7 mm
		Height	185,4 mm
		Weight	581 g

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Publication date: 16-SEP-2024. Prints or copies of Information are only valid on the printed Publication date