## 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-X810NZAEEUB

Product name : SM-X810N

- 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-X810NZAEEUB

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, Front camera resolution (numeric): 12 MP. Top Wi-Fi standard: Wi-Fi 6 (802.11ax). Assisted GPS (A-GPS). Card reader integrated. Weight: 581 g. Operating system installed: Android 13. Product colour: Graphite

Display		Network	
Display diagonal *	31.5 cm (12.4")		
Display resolution *	2800 x 1752 pixels	Mobile network connection *	x
Display technology	AMOLED	Bluetooth	×
Display technology marketing name		Bluetooth version	5.3
Display brightness	500 cd/m <sup>2</sup>	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display glass type	Gorilla Glass	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi
HD type	WQXGA+		6 (802.11ax)
Display number of colours	16 million colours	Wi-Fi Direct	1
Processor		Ports & interfaces	
Processor manufacturer *	Qualcomm	USB 3.2 Gen 1 (3.1 Gen 1) Type-C	1
Processor family *	Qualcomm Snapdragon	ports quantity	
Processor model *	8 Gen 2	Design	
Processor cores	8	Device type *	Mobile tablet
Processor boost frequency	3.36 GHz	Housing material	Aluminium
Memory		Form factor *	Slate
Internal memory *	12 GB	Product colour *	Graphite
Storage		Protection features	Dust resistant, Water resistant
	512 CD	International Protection (IP) code	IP68
Internal storade capacity *	512 GB		
Internal storage capacity * Card reader integrated *	512 GB	Performance	
Card reader integrated *		Performance Assisted GPS (A-GPS) *	1
5 . ,	1		1 1
Card reader integrated * Compatible memory cards	✔ MicroSD (TransFlash)	Assisted GPS (A-GPS) *	1 1 1
Card reader integrated * Compatible memory cards Maximum memory card size Audio	<ul> <li>MicroSD (TransFlash)</li> <li>1 TB</li> </ul>	Assisted GPS (A-GPS) * GLONASS	1 1 2 1
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer	<ul> <li>MicroSD (TransFlash)</li> <li>1 TB</li> <li>AKG</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou	
Card reader integrated * Compatible memory cards Maximum memory card size Audio	<ul> <li>MicroSD (TransFlash)</li> <li>1 TB</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite)	<ul> <li></li></ul>
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer Audio system	<ul> <li>MicroSD (TransFlash)</li> <li>1 TB</li> <li>AKG</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite) Galileo Quasi-Zenith Satellite System	4 4 4
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer Audio system Camera	<ul> <li>MicroSD (TransFlash)</li> <li>1 TB</li> <li>AKG</li> <li>Dolby Atmos</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite) Galileo Quasi-Zenith Satellite System (QZSS)	4 4 4 4
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer Audio system Camera Rear camera type *	<ul> <li>MicroSD (TransFlash) 1 TB</li> <li>AKG Dolby Atmos</li> <li>Dual camera</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite) Galileo Quasi-Zenith Satellite System (QZSS) Accelerometer	4 4 4 4
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer Audio system Camera Rear camera type * Rear camera resolution (numeric) * Second rear camera resolution	<ul> <li>MicroSD (TransFlash) 1 TB</li> <li>AKG Dolby Atmos</li> <li>Dual camera 13 MP</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite) Galileo Quasi-Zenith Satellite System (QZSS) Accelerometer Ambient light sensor	4 4 4 4
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer Audio system Camera Rear camera type * Rear camera resolution (numeric) * Second rear camera resolution (numeric) Rear camera aperture number Second rear camera aperture number	<ul> <li>MicroSD (TransFlash) 1 TB</li> <li>AKG Dolby Atmos</li> <li>Dual camera 13 MP</li> <li>8 MP</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite) Galileo Quasi-Zenith Satellite System (QZSS) Accelerometer Ambient light sensor Gyroscope	<ul> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>Gmail, Google Chrome, Google Photos,</li> </ul>
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer Audio system Camera Rear camera type * Rear camera resolution (numeric) * Second rear camera resolution (numeric) Rear camera aperture number Second rear camera aperture	<ul> <li>MicroSD (TransFlash) 1 TB</li> <li>AKG Dolby Atmos</li> <li>Dual camera 13 MP</li> <li>8 MP</li> <li>2</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite) Galileo Quasi-Zenith Satellite System (QZSS) Accelerometer Ambient light sensor Gyroscope Hall sensor	<ul> <li>✓</li> <li>✓&lt;</li></ul>
Card reader integrated * Compatible memory cards Maximum memory card size Audio Speakers manufacturer Audio system Camera Rear camera type * Rear camera resolution (numeric) * Second rear camera resolution (numeric) Rear camera aperture number Second rear camera aperture number Rear camera field of view (FOV)	<ul> <li>MicroSD (TransFlash) 1 TB</li> <li>AKG Dolby Atmos</li> <li>Dual camera 13 MP</li> <li>8 MP</li> <li>2</li> <li>2.2</li> </ul>	Assisted GPS (A-GPS) * GLONASS BeiDou GPS (satellite) Galileo Quasi-Zenith Satellite System (QZSS) Accelerometer Ambient light sensor Gyroscope Hall sensor Google applications	<ul> <li>Gmail, Google Chrome, Google Photos, Google Play, YouTube</li> </ul>

## Camera

Auto focus	1
Panorama	1
Time lapse mode	1
Rear camera flash	1
Video recording	1
Maximum video resolution	3840 x 2160 pixels
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 3840x2160@30fps
Front camera *	1
Front camera resolution (numeric)	12 MP

2.4

120°

Front camera aperture number

Front camera field of view (FOV) angle

Software	
Platform *	Android
Operating system installed *	Android 13
Battery	
Battery included	1
Battery capacity *	10090 mAh
Wireless charging	×
Fast charging	1
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	581 g
Packaging content	
Stylus pen	✓

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