

Samsung Galaxy XCover7 Pro SM-G766B 16.8 cm (6.6") Dual SIM Android 16.0 5G USB Type-C 6 GB 128 GB 4350 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-G766WZKDN45

Product name : SM-G766B

167.2mm (6.6"), 2408 x 1080 FHD+, PLS LCD, 120 Hz, Qualcomm Snapdragon 7s Gen 3, 6/128 GB, 50+8 MP rear camera, 13 MP front camera, Wi-Fi 6E, Bluetooth 5.4, NFC, USB-C, 4350 mAh , Android 16 Samsung Galaxy XCover7 Pro SM-G766B. Display diagonal: 16.8 cm (6.6"), Display resolution: 2408 x 1080 pixels. Processor frequency: 1.8 GHz, Processor family: Snapdragon, Processor model: 7s Gen 3. RAM capacity: 6 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. Battery capacity: 4350 mAh. Product colour: Black. Weight: 240 g



Display		Messaging	
Display diagonal *	16.8 cm (6.6")	Short Message Service (SMS)	✓
Screen shape	Flat	Multimedia Messaging Service (MMS)	✓
Panel type	PLS	E-mail	✓
Display glass type	Gorilla Glass	Navigation	
Gorilla Glass version	Gorilla Glass Victus+	GPS (satellite)	✓
Display resolution *	2408 x 1080 pixels	GLONASS	✓
Display number of colours	16 million colours	BeiDou	✓
Maximum refresh rate	120 Hz	Galileo	✓
Processor		Position location *	✓
Processor family *	Snapdragon	Design	
Processor model *	7s Gen 3	Form factor *	Bar
Processor cores	8	Product colour *	Black
Processor frequency *	1.8 GHz	Protection features	Dust resistant, Water resistant
Processor boost frequency	2.5 GHz	Performance	
Storage		Video call	✓
User memory	107.8 GB	Fast charging	✓
RAM capacity *	6 GB	Fingerprint reader	✓
Internal storage capacity *	128 GB	Push-to-Talk (PTT)	✓
Compatible memory cards *	MicroSD (TransFlash)	Hearing aid compatibility	✓
Maximum memory card size	2 TB		
Memory card slot type	Dedicated slot		
Camera			
Rear camera resolution (numeric) *	50 MP		

Camera		Multimedia	
Second rear camera resolution (numeric)	8 MP	Speakers	stereo
Rear camera aperture number	1.8	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Second rear camera aperture number	2.2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Digital zoom	10x		
Front camera type *	Single camera		
Front camera resolution (numeric) *	13 MP	Software	
Front camera aperture number	2.2	Platform *	Android
Rear camera flash *	✓	Operating system installed *	Android 16.0
Video capture resolution (max)	3840 x 2160 pixels	App distribution platform	Google Play
Maximum frame rate	240 fps		
Resolution at capture speed	1280x720@240fps, 3840x2160@30fps	Battery	
Rear camera type *	Dual camera	Removable battery	✓
Auto focus	✓	Battery endurance in cycles *	2000
Slow motion mode	✓	Battery capacity *	4350 mAh
Slow motion rate	1280x720@240fps	Wireless video playback time	22 h
Network		Sensors	
SIM card capability *	Dual SIM	Proximity sensor	✓
Mobile network generation *	5G	Accelerometer	✓
SIM card type *	NanoSIM + eSIM	Ambient light sensor	✓
3G standards *	UMTS	Gyroscope	✓
4G standard *	LTE-TDD & LTE-FDD	Barometer	✓
5G standard *	Sub6 FDD, Sub6 TDD	Geomagnetic sensor	✓
Top Wi-Fi standard *	Wi-Fi 6E (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 6E (802.11ax)	Power	
Bluetooth *	✓	USB Type-C charging port *	✓
Bluetooth version	5.4	USB Power Delivery (USB PD)	✓
3G bands supported	850,900,1900,2100 MHz	USB Type-C required charging power (min) *	10 W
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz	USB Type-C required charging power (max) *	15 W
5G bands supported	700,800,850,900,1800,2100,2300,2500,2600,3500,3700 MHz		
Wi-Fi Direct	✓	Endurance	
MIMO	✓	Energy efficiency class *	B
Modulation	1024-QAM	Energy efficiency scale	A to G
		Battery endurance per cycle *	2295 min
Ports & interfaces		Repeated free fall reliability class *	A
USB connector type	USB Type-C	Repairability class *	B
USB version	3.2 Gen 1 (3.1 Gen 1)	Repairability index	3.6
Headphone connectivity	USB Type-C	International Protection (IP) code *	IP68
		Weight & dimensions	
		Width	79.9 mm
		Depth	10.2 mm
		Height	168.6 mm
		Weight *	240 g
		Packaging content	
		AC adapter included *	✗

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