

## 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



<b>Display</b>		<b>Messaging</b>	
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	<b>Navigation</b>	
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	✓
<b>Processor</b>		Position location *	✓
Processor family *	Snapdragon	<b>Design</b>	
Processor model *	7s Gen 3	Form factor *	Bar
Processor cores	8	Product colour *	Black
Processor boost frequency	2.5 GHz	Protection features	Dust resistant, Water resistant
Processor frequency *	1.8 GHz	<b>Performance</b>	
<b>Storage</b>		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		
<b>Camera</b>			
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	<b>Software</b>	
Front camera type *	Single camera	Platform *	Android
Front camera resolution (numeric) *	13 MP	Operating system installed *	Android 16.0
Front camera aperture number	2.2	App distribution platform	Google Play
Rear camera flash *	✓	<b>Battery</b>	
Video capture resolution (max)	3840 x 2160 pixels	Removable battery	✓
Maximum frame rate	240 fps	Battery capacity *	4350 mAh
Resolution at capture speed	1280x720@240fps, 3840x2160@30fps	Wireless video playback time	22 h
Rear camera type *	Dual camera	<b>Sensors</b>	
Auto focus	✓	Proximity sensor	✓
Slow motion mode	✓	Accelerometer	✓
Slow motion rate	1280x720@240fps	Ambient light sensor	✓
<b>Network</b>		Gyroscope	✓
SIM card capability *	Dual SIM	Barometer	✓
Mobile network generation *	5G	Geomagnetic sensor	✓
SIM card type *	NanoSIM + eSIM	<b>Power</b>	
3G standards *	UMTS	USB Type-C charging port *	✓
4G standard *	LTE-TDD & LTE-FDD	USB Power Delivery (USB PD)	✓
5G standard *	Sub6 FDD, Sub6 TDD	USB Type-C required charging power (min) *	10 W
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	USB Type-C required charging power (max) *	15 W
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)	<b>Endurance</b>	
Bluetooth *	✓	Energy efficiency class *	B
Bluetooth version	5.4	Energy efficiency scale	A to G
3G bands supported	850,900,1900,2100 MHz	Battery endurance per cycle *	2295 min
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz	Battery endurance in cycles *	2000
5G bands supported	700,800,850,900,1800,2100,2300,2500,2600,3500,3700 MHz	Repeated free fall reliability class *	A
Wi-Fi Direct	✓	Repairability class *	B
MIMO	✓	International Protection (IP) code *	IP68
Modulation	1024-QAM	<b>Weight &amp; dimensions</b>	
<b>Ports &amp; interfaces</b>		Width	79.9 mm
USB connector type	USB Type-C	Depth	10.2 mm
USB version	3.2 Gen 1 (3.1 Gen 1)	Height	168.6 mm
Headphone connectivity	USB Type-C	Weight *	240 g
		<b>Packaging content</b>	
		AC adapter included *	✗
		<b>Other features</b>	
		Repairability index	3.6

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