SAMSUNG

Samsung Galaxy A52 5G SM-A526B 16.5 cm (6.5") Android 11 USB Type-C 6 GB 128 GB 4500 mAh Black

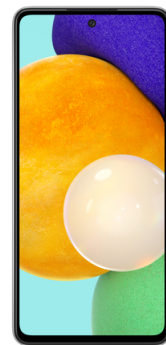**Brand :** Samsung   **Product family:** Galaxy   **Product code:** SM-A526BZKDEUA

Product name : SM-A526B

- A52 quad camera has everything you need to capture, upload and share every moment
- Stunning Infinity display means you can stream your favourite shows in awesome definition
- Long-lasting battery life that will outlast your day whatever you throw at it
- With a 5G connection, streaming, working and catching up has never been so smooth
- 120 Hz, IP67, Qualcomm Snapdragon 750G

6.5" Super AMOLED 1080 x 2400, Qualcomm Snapdragon 750G, 5G, 64 MP + 12 MP + 5 MP + 5 MP, 32 MP, MicroSD, Android 11

Samsung Galaxy A52 5G SM-A526B. Display diagonal: 16.5 cm (6.5"), Display resolution: 2400 x 1080 pixels, Display type: SAMOLED. Processor frequency: 2.2 GHz, Processor family: Qualcomm Snapdragon, Processor model: 750G. RAM capacity: 6 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 64 MP, Rear camera type: Quad camera. Operating system installed: Android 11. Battery capacity: 4500 mAh. Product colour: Black. Weight: 189 g

Display

Display diagonal *	16.5 cm (6.5")
Screen shape	Flat
Display type	SAMOLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass 5
Display resolution *	2400 x 1080 pixels
Display number of colours	16 million colours
Contrast ratio (typical)	1000000:1
Native aspect ratio	20:9
Display brightness	420 cd/m²
Maximum refresh rate	120 Hz
Touchscreen type	Capacitive
Pixel density	407 ppi
Rounded display corners	✓

Processor

Processor frequency *	2.2 GHz
Processor family *	Qualcomm Snapdragon
Processor model *	750G
Processor architecture	ARM Cortex-A77
Processor cores	8
Coprocessor	✓
Coprocessor frequency	1.8 GHz
Coprocessor architecture	ARM Cortex-A55

Storage

User memory	102 GB
RAM capacity *	6 GB
Internal storage capacity *	128 GB

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	3.5 mm

Messaging

Short Message Service (SMS)	✓
Multimedia Messaging Service (MMS)	✓
E-mail	✓

Design

Form factor *	Bar
Product colour *	Black
Colour name	Awesome Black
International Protection (IP) code	IP67

Performance

Fast charging	✓
Wireless charging	✗
Fingerprint reader	✓
Face recognition	✓
Speakerphone	✓
Voice dialling	✓
Voice commands	✓
Vibrating alert	✓

Storage

Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	1000 GB
USB mass storage	✓

Camera

Rear camera resolution (numeric) *	64 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	5 MP
Fourth rear camera resolution (numeric)	5 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Fourth rear camera aperture number	2.4
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	32 MP
Front camera aperture number	2.2
Rear camera flash *	✓
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	30 fps
Resolution at capture speed	3840x2160@30fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Quad camera
Auto focus	✓
Image stabilizer type	Optical Image Stabilization (OIS)
Geotagging	✓
Multi-shot	✓
Self-timer	✓

Network

Mobile network generation *	5G
SIM card type *	NanoSIM
3G standards *	WCDMA
4G standard *	LTE
Voice over LTE (VoLTE) supported	✓
Wi-Fi *	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth *	✓
Bluetooth version	5.0
Bluetooth profiles	A2DP
4G bands supported	700,800,850,900,1800,2100,2300,2500,2600 MHz
5G bands supported	700,850,1800,2100,2600,3500 MHz
3G data rate (max)	42.2 Mbit/s
4G data rate (max)	1200 Mbit/s
Tethering (modem-mode)	✓
Wi-Fi Direct	✓
MIMO	✓
Near Field Communication (NFC)	✓

Navigation

GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Position location *	✓
Wi-Fi positioning	✓

Multimedia

Speakers	stereo
Audio system	Dolby Atmos
Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software

Platform *	Android
Operating system installed *	Android 11
App distribution platform	Google Play
Office support	✓
Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, Google Play Movies, YouTube
Virtual assistant	Samsung Bixby

Battery

Battery technology	Lithium-Ion (Li-Ion)
Battery voltage	3.86 V
Battery weight	61.9 g
Removable battery	✗
Battery capacity *	4500 mAh
Talk time (4G)	32 h
Browsing time (Wi-Fi)	16 h
Browsing time (4G)	15 h
Continuous audio playback time	120 h
Continuous video playback time	20 h

Sensors

Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓
Geomagnetic sensor	✓
Hall sensor	✓

Weight & dimensions

Width	75.1 mm
Depth	8.4 mm
Height	159.9 mm
Weight *	189 g
Package width	83 mm
Package depth	168.5 mm
Package height	56 mm
Package weight	360.3 g

Certificates

Head SAR (EU)	1.055 W/kg
Body SAR (EU)	1.42 W/kg

Packaging content

Quick start guide	✓
Cables included	USB Type-C
SIM card ejector pin	✓
AC adapter power	15 W

Other features

Touchscreen ✔

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