

Samsung Galaxy A17 5G (SM-A176BZKAEEB)

Samsung Galaxy A17 5G - Enterprise Edition - 5G smartphone - dual-SIM - RAM 4 GB / Internal Memory 128 GB - microSD slot - OLED display - 6.7" - 2340 x 1080 pixels (90 Hz) - 3x rear cameras 50 MP, 5 MP, 2 MP - front camera 13 MP - black



The Samsung Galaxy A17 5G smartphone offers a combination of performance and endurance with its powerful 5000 mAh battery, capable of lasting through numerous cycles. The 6.7-inch Super AMOLED display with a resolution of 2340 x 1080 pixels delivers vibrant visuals, making it ideal for streaming and browsing. Running on Android OS with One UI 7, this smartphone features 5G technology for fast connectivity and supports dual-SIM for added convenience. The camera system includes a 50 megapixel rear camera with Optical Image Stabilizer, complemented by additional lenses for ultra wide-angle and macro photography, providing a versatile photography experience for users, whether capturing landscapes or close-up details. With features like water and dust resistance, alongside various sensors for enhanced user experience, the Samsung Galaxy A17 5G is designed to meet the demands of today's mobile users.

Key Selling Points

- Vibrant 6.7-inch Super AMOLED display with Full HD+ resolution
- Robust 5000 mAh battery ensures extended usage
- Triple rear camera system for versatile photography
- 5G connectivity supports fast data transmission
- Water and dust resistant for durability

Product Features

- Powerful battery life**
The 5000 mAh battery provides long-lasting performance, allowing for extended use between charges.
- Stunning display quality**
The 6.7-inch OLED display features a resolution of 2340 x 1080 pixels, ensuring bright colors and sharp details.
- Advanced camera capabilities**
Equipped with a 50 megapixel main camera and additional lenses for ultra wide-angle and macro shots, the A17 5G allows users to capture photos in various settings.
- Durability features**
With an IP54 rating, the smartphone is designed to resist dust and water, providing protection for everyday use.
- Efficient connectivity options**
The inclusion of 5G technology ensures quick Internet access, while dual-SIM support allows for flexible network use.

Main specifications

Product Description	Samsung Galaxy A17 5G - Enterprise Edition - black - 5G smartphone - 128 GB - GSM
Product Type	5G smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2364744
Energy Class	Class B
Manufacturer Model Number	SM-A176B/DS
Display	OLED display - 2340 x 1080 pixels - 6.7" - 387 ppi - (90 Hz) - Super AMOLED - Corning Gorilla Glass Victus (scratch resistant glass)
Processor	Samsung Exynos 1330 2.4 GHz (8-core)
Memory	RAM 4 GB / Internal Memory 128 GB
Supported Memory Card	microSDXC slot - up to 2 TB
Operating System	Android 15 with One UI 7
Main Camera	50 Megapixel - f/1.8 - focus: automatic
Second Camera	5 Megapixel - ultra wide-angle lens - f/2.2
Third Camera	2 Megapixel - f/2.4 - macro camera
Front Camera	13 Megapixel f/2.0 - focus free
Service Provider	Not specified
SIM Card	Dual-SIM - nano SIM
Wireless Interface	NFC, Wi-Fi 5, Bluetooth
Security Devices	Face recognition, fingerprint reader (side)

Connectors	USB-C
Protection	Water-resistant, dust-resistant
Colour	Black
Dimensions (WxDxH)	77.9 mm x 7.5 mm x 164.4 mm
Weight	192 g
Specific Absorption Rate (SAR)	0.665 W/kg (head) ¦ 0.972 W/kg (body) ¦ 2.53 W/kg (limb)
Manufacturer Warranty	3-year warranty

Extended specification

General

Product Type	Smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2364744
Energy Class	Class B
Manufacturer Model Number	SM-A176B/DS
Form Factor	Touch
Protection	Water-resistant, dust-resistant
Width	77.9 mm
Depth	7.5 mm
Height	164.4 mm
Weight	192 g
Body Colour	Black

Memory

RAM	4 GB
Internal Memory Capacity	128 GB
User Memory	107.1 GB
Supported Flash Memory Cards	microSDHC, microSD, microSDXC - up to 2 TB

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
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Processor

Type	Samsung Exynos 1330
Clock Speed	2.4 GHz
Processor Core Qty	8-core

Miscellaneous

Ingress Protection Rating	IP54
Repeated Free Fall Reliability Class	Class B
Compliant Standards	IP54, Android Audio Streaming for Hearing Aid (ASHA)
Included Accessories	SIM card removal tool, USB-C to USB-C cable

Display

Type	OLED display
Technology	Super AMOLED
Diagonal Size	6.7"
Display Resolution	2340 x 1080 pixels
Display Format	Full HD+

Pixel Density	387 ppi
Max Brightness	1100 cd/m²
Colour Depth	16 million colours
Refresh Rate	90 Hz
Protection	Corning Gorilla Glass Victus (scratch resistant glass)

Battery

Capacity	5000 mAh
Battery Endurance per Cycle	2632 min
Battery Endurance in Cycles	1200
Run Time Details	Playback (video): up to 18 hrs

Communications

Data Transmission	FDD-LTE, TDD-LTE, 5G NR FR1
2G Band	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band	Band 1, Band 2, Band 4, Band 5, Band 8
3G UMTS Frequency	2100, 1900, 1700, 850, 900
4G LTE Band	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 17, Band 20, Band 28, Band 38, Band 40, Band 41, Band 66
4G LTE Frequency	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700b, FDD 800 DD, FDD 700 APT, TDD 2600, TDD 2300, TDD 2500, FDD 1700 - 2110 AWS-3
5G NR Band	N1, n3, n7, n8, n20, n28, n38, n41, n66, n77, n78, n40
5G NR Frequency	FDD 2100, FDD 1800, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, TDD TD 3700, TDD TD 3500, TDD 2300
Wireless Interface	NFC, IEEE 802.11a/b/g/n/ac, Bluetooth 5.3

Connections

Connector Type	USB Type-C - 24 pin USB-C
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Phone Features

Sensors	Accelerometer, gyro sensor, geomagnetic sensor, light sensor
Security Devices	Face recognition, fingerprint reader (side)
Additional Features	Samsung Smart Switch, Virtual Proximity Sensing, 2 years of product availability from launch date, Samsung Knox Suite, 7 years of Security Updates, Circle to Search, SmartThings Support, 6 generations of OS upgrades, Quick Share, Gemini Live, Key Island 2.0

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	Android 15
User Interface	One UI 7
Intelligent Assistant	Google Gemini
Navigation	GPS, GLONASS, BeiDou, Galileo, QZSS
SIM Card Type	Nano SIM
SIM Card Qty	Dual-SIM
SIM Card Configuration Details	Nano SIM + nano SIM/microSD
Input Device	Multi-touch

Media Player

Supported Digital Audio Standards	WAV, AAC, AMR, MP3, FLAC, XMF, OGG, MIDI, M4A, MXMF, OGA, 3GA, AWB, IMY, RTTTL, RTX, OTA, MID
Supported Digital Video Standards	MKV, FLV, AVI, 3GP, M4V, WebM, 3G2, MP4
Sound Enhancements	Dolby Atmos sound technology

Front Camera

Sensor Resolution	13 Megapixel
Lens Aperture	F/2.0
Focus Adjustment	Focus free

Main Camera

Sensor Resolution	50 Megapixel
Optical Image Stabiliser	Optical Image Stabiliser (OIS)
Lens Aperture	F/1.8
Focus Adjustment	Automatic
Digital Zoom	10x
Camera Modes	Panorama, Slow motion mode, Pro mode, night mode, Food, Portrait, AR lens, Macro mode
Light Source	LED flash
Video Resolutions	1920 x 1080 (1080p) at 30 fps, Slo-mo video 1280 x 720 (720p) at 120 fps
Features	Scene Optimiser

Second Camera

Sensor Resolution	5 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.2

Third Camera

Sensor Resolution	2 Megapixel
Lens Aperture	F/2.4
Functions	Macro camera

Sustainability Information

Repairability Class	Class C
EPEAT Compliant	Yes
EPEAT Level	EPEAT Gold
Product Recycled Content	1.2 %

What's in the box

- Samsung Galaxy A17 5G Enterprise Edition
- SIM card removal tool, USB-C to USB-C cable

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