

FOSSIBOT S7 Android 16 Smartphone with 8 GB of RAM (black)

Model: S7B

Manufacturer: FOSSIBOT

EAN: 6942580503677

Product Code: 1230137

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FOSSIBOT S7 Android 16 Smartphone with 8 GB RAM (Black)

The FOSSIBOT S7 smartphone features a 6.9-inch HD+ display with a 120 Hz refresh rate, an additional 1.85-inch touchscreen, and runs on Android 16. It is powered by an octa-core UNISOC Tiger T615 processor, supported by 8 GB of RAM, which can be expanded up to 32 GB using virtual memory. The device has 256 GB of internal storage, which can be expanded with a microSD card of up to 1 TB. The smartphone is also equipped with a 16 MP rear camera, an 8 MP front camera, and a 5000 mAh battery with 10 W charging. It supports 4G LTE, Dual SIM, Wi-Fi, Bluetooth 5.0, and satellite navigation. A fingerprint reader, face recognition, and a USB-C port round out its features.

Large 6.9-inch screen with a 120 Hz refresh rate

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The FOSSIBOT S7 features a 6.9-inch TFT display with HD+ resolution (720 × 1600 px). The large screen provides a comfortable viewing experience for browsing the web, watching videos, reading news, and using apps. The 20:9 aspect ratio allows more content to be displayed vertically, making it easier to scroll through documents and browse social media. A refresh rate of up to 120 Hz makes scrolling and animations smoother than on standard 60 Hz screens. The phone also supports 60 Hz and 90 Hz modes, allowing you to adjust the refresh rate to suit your needs. The typical display brightness is 630 nits, with a maximum of 670 nits, making it easier to read information in brighter lighting conditions.

Additional 1.85-inch Touchscreen

One of the distinctive features of the FOSSIBOT S7 is an additional 1.85-inch touchscreen located on the back of the device. The IPS panel, with a resolution of 240 × 280 pixels, displays 262,000 colors and offers wide viewing angles. The secondary display provides a separate interface for operating compatible phone functions. Thanks to its touchscreen technology, it can be used without engaging the main screen, within the limits defined by the device’s software.

UNISOC Tiger T615 octa-core processor

The UNISOC Tiger T615 processor, manufactured using 12-nm technology, powers the smartphone. The chip features two Cortex-A75 cores clocked at up to 2.0 GHz and six Cortex-A55 cores operating at up to 1.8 GHz. This configuration provides the computing power needed for browsing the web, making calls, using messaging apps, and playing videos. The division into performance and energy-efficient cores allows the processor to adapt its operation to the current workload. Graphics are handled by the ARM Mali-G57 GPU, which supports mobile games and applications that use 3D graphics.

8 GB of RAM, expandable up to 32 GB

The FOSSIBOT S7 features 8 GB of physical RAM, which can be expanded by 24 GB of virtual memory, for a total of up to 32 GB. This expansion utilizes a portion of the phone’s internal storage and helps manage apps running in the background. The increased available RAM makes it easier to keep multiple apps running in the background and reduces the need to restart them when switching between tasks.

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256 GB of storage for photos, videos, and apps

The smartphone has 256 GB of internal storage for photos, videos, documents, music, and installed apps. This capacity allows you to build a large library of files without having to frequently transfer data. If needed, storage can be expanded using a microSD card with a capacity of up to 1 TB. This feature will be particularly useful for users who record a lot of videos and photos or use resource-intensive apps.

Android 16 and OTA Updates

The FOSSIBOT S7 runs on Android 16. The software supports OTA updates, allowing you to install available updates without connecting your smartphone to a computer. The system also offers privacy features and a guest mode, which allows you to restrict access to selected data when sharing your phone with someone else.

16 MP Rear Camera and 8 MP Front Camera

The FOSSIBOT S7 features a 16 MP rear camera with autofocus, which lets you take photos of landscapes, objects, documents, and people. The bright f/1.8 lens lets in more light, which helps in low-light conditions. The built-in flash provides additional lighting for the scene you’re photographing. You can choose from Night, Portrait, Panorama, and Professional modes, as well as a background blur effect and AI scene recognition. The phone also supports time-lapse video recording. The 8 MP front-facing camera with an f/2.2 aperture is designed for taking selfies and making video calls. The available portrait mode allows you to take photos optimized for capturing faces.

5,000 mAh Battery and USB-C Charging

The built-in 5000 mAh battery provides the power needed for phone calls, browsing the internet, watching videos, and using apps. Battery life depends on display brightness, active features, and usage intensity. The phone supports 10 W (5 V/2 A) wired charging via the USB-C port. A full charge takes about 3 hours, and charging from 0 to 80% takes about 1 hour and 50 minutes under test conditions. The battery provides up to 280 hours of standby time with two active SIM cards and up to 50 hours of talk time under specific test conditions. When watching HD videos, battery life can reach

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up to 16 hours with screen brightness and volume set to half.

Dual SIM and Fast 4G LTE Internet

The FOSSIBOT S7 supports 4G LTE connectivity, which allows you to browse the web, use navigation and messaging apps, and transfer files over the cellular network. The Dual SIM feature lets you use two phone numbers on a single device—for example, a personal and a work number. The hybrid slot supports Nano SIM + Nano SIM or Nano SIM + microSD card configurations. This allows you to choose between using two phone numbers or expanding storage for files.

Satellite navigation, Wi-Fi, and Bluetooth 5.0

The smartphone is compatible with GPS, GLONASS, Galileo, and BeiDou navigation systems, which enable location tracking when using maps and planning routes. The 802.11 a/ac/b/g/n Wi-Fi module provides internet access via compatible routers, while Bluetooth 5.0 lets you connect the phone to wireless headphones, speakers, and smartwatches. The OTG feature allows you to connect compatible USB accessories, such as a flash drive or keyboard, using the appropriate adapter.

Fingerprint Reader and Face Recognition

The FOSSIBOT S7 supports unlocking via fingerprint and facial recognition. Both methods allow you to access the device without having to enter a PIN every time. You can choose the unlocking method that best suits your preferences.

FM Radio, Headphone Jack, and Additional Tools

The smartphone features an FM radio and a 3.5 mm headphone jack, allowing you to use wired headphones without an adapter. The built-in speaker allows you to play music, watch videos, and make hands-free calls. Available tools include a compass, flashlight, magnifying glass, level, pedometer, noise meter, and protractor. The phone also features a proximity sensor, a light sensor, and an accelerometer. Double-tapping the screen wakes the phone without using the power button.

Slim design and convenient access to ports

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The FOSSIBOT S7 measures 172.5 × 80.9 × 8.6 mm and weighs approximately 216 g. The use of PC material reinforced with 10% fiberglass ensures the structure has adequate rigidity. The black color scheme gives the device a understated look, and the physical volume and power buttons allow you to control basic functions. The USB-C port is used for charging and wired data transfer.

Included in the box

- FOSSIBOT S7 8/256 GB smartphone (black)
- Charger
- USB cable for charging and data transfer
- Screen protector (pre-applied)
- SIM tray eject pin
- User manual
- Warranty card

Manufacturer	FOSSIBOT
Model	S7
Color	black
Operating system	Android 16
Processor	UNISOC Tiger T615, 8-core, 12 nm
Processor clock speed	2 × Cortex-A75 2.0 GHz + 6 × Cortex-A55 1.8 GHz
Graphics processor	ARM Mali-G57, 850 MHz
RAM	8 GB
RAM Expansion	up to 24 GB of virtual memory (up to 32 GB total)
Internal Storage	256 GB
Memory Card Support	microSD (TF) up to 1 TB
Main display	6.9", TFT, In-Cell
Screen resolution	720 × 1600 px (HD+)
Refresh rate	60/90/120 Hz
Screen aspect ratio	20:9

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Screen brightness	typically 630 nits, max. 670 nits
Secondary display	1.85", IPS, touchscreen
Secondary display resolution	240 × 280 px
Rear camera	16 MP, f/1.8, autofocus, LED flash
Front camera	8 MP, f/2.2
Video recording	up to 2K at 30 fps
Mobile network	2G/3G/4G LTE
Dual SIM	Yes, Nano SIM + Nano SIM or Nano SIM + microSD
Wi-Fi	802.11 a/ac/b/g/n
Bluetooth	5.0
Navigation	GPS, GLONASS, Galileo, BeiDou
NFC	No
FM Radio	Yes
OTG	Yes
Fingerprint Reader	Yes
Face Recognition	Yes
Sensors	Accelerometer, proximity sensor, light sensor, magnetic compass
Gyroscope	No
Battery capacity	5000 mAh
Battery type	Lithium-polymer, non-removable
Charging power	10 W (5 V/2 A)
Full charge time	Approximately 3 hours
Time to charge to 80%	about 1 hour and 50 minutes
Charging port	USB-C
Headphone jack	3.5 mm
Wireless charging	no
Housing material	PC + 10% fiberglass
Dimensions	172.5 × 80.9 × 8.6 mm
Weight	216 g

Information about data generation: https://dataact.innpro.pl/FOSSIBOT/6942580510477, GPSR Link:

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