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> Samsung Galaxy Tab Active Pro 10.1" User Manual

Samsung SM-T540NZKAXAR

Samsung Galaxy Tab Active Pro User Manual

MODEL: SM-T540NZKAXAR

Brand: Samsung

1. INTRODUCTION AND OVERVIEW

The Samsung Galaxy Tab Active Pro is a rugged tablet designed for demanding environments. It features military-grade durability (MIL-STD-810G) and IP68 certification for water and dust resistance, ensuring reliable performance in various conditions. This tablet is equipped with a high-resolution camera and supports advanced features like augmented reality (AR) for enhanced productivity.



2. WHAT'S IN THE BOX

Upon unboxing your Samsung Galaxy Tab Active Pro, you should find the following items:

- Samsung Galaxy Tab Active Pro Tablet
- Power Adapter
- USB-C Cable
- S-Pen

3. KEY FEATURES

- **Ultra Rugged:** The 10.1-inch Wi-Fi-enabled 64GB Tab Active Pro tablet is ruggedized for tough conditions. It includes built-in features such as an accelerometer, GPS, barometer, fingerprint sensor, gyro sensor, geomagnetic sensor, Hall sensor, RGB light sensor, and proximity sensor.
- **Military-Grade Durability:** MIL-STD-810G certified and tested for drops, shocks, vibration, rain, dirt, mud, sand, water, altitude, freeze & thaw, temperature range, temperature shock, and humidity.
- **Long-Lasting Battery:** Lasts up to 15 hours on a single charge with an easy-to-replace battery and quickly charges through the built-in Pogo Pin.
- **Water-Resistant Touchscreen:** Wet Touch Mode allows the touchscreen to be fully functional regardless of water and rain, while Glove Mode is perfect for cold weather or clinical environments. The Tab Active Pro can withstand being submerged in water for up to 30 minutes at a depth of 5 feet of water (Rinse Residue and Dry After Exposure).

Stand Up to Real-World Challenges

Built to withstand rough weather conditions with military-grade defense, the Samsung Galaxy Active Tab Pro tablet is designed to help you achieve the best industrial performance.



10.1"
TFT SCREEN



MIL-STD 810G CERTIFIED

Tested to endure drops, shocks, water, drastic temperature changes, humidity, sand, and so much more.

Figure 2: The tablet's rugged design and MIL-STD-810G certification for extreme conditions.

Water & Dust Protection

The Tab Active Pro and Samsung S Pen are IP68-certified to resist water and give you the precision you need to write and tap in rain or shine, even while wearing gloves.



IP68-CERTIFIED

Protected against dust and water damage at 5 feet deep for up to 30 minutes.

Note: IP68 rating does not mean that the device is waterproof.

Figure 3: The tablet and S-Pen are IP68 certified for water and dust resistance.

Power for Hours

Your work doesn't stop - and neither does the Galaxy Tab Active Pro. With up to 15 hours on a full charge, you can create, edit, and collaborate all day. And if the job is still not done, you can simply and quickly replace your battery to keep on going.

Battery
7,600 mAh



Video playback
15 hours

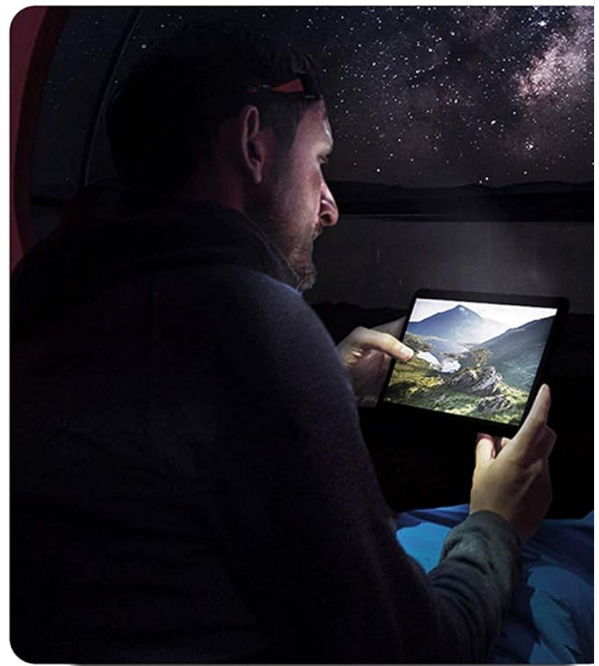


Figure 4: The tablet features a 7,600 mAh battery providing up to 15 hours of video playback.

Video 1: Official Samsung video highlighting the key features and ruggedness of the Galaxy Tab Active Pro.

4. SETUP

4.1 Charging the Tablet

Before initial use, fully charge your tablet using the provided USB-C cable and power adapter. Connect the USB-C cable to the tablet's port and the adapter to a power outlet. The tablet also supports charging via its Pogo Pin connector for quick and convenient docking.

Rock-Solid Dependability



POGO Pin

Get the versatility you need with the POGO pin and use it to quickly connect, charge, or easily attach a laptop keyboard.

Figure 5: The POGO Pin allows for quick connection, charging, or attachment to a keyboard.

4.2 Powering On/Off

To power on the tablet, press and hold the Power button located on the side until the Samsung logo appears. To power off, press and hold the Power button, then select 'Power off' from the options.

4.3 Initial Setup

Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google

account sign-in, and security settings (e.g., fingerprint sensor setup).

5. OPERATING INSTRUCTIONS

5.1 General Navigation

Navigate the tablet using the touchscreen. Swipe to scroll, tap to select, and pinch to zoom. The physical navigation buttons below the screen provide quick access to Home, Back, and Recent Apps.

5.2 Using the S-Pen

The included S-Pen allows for precise input, drawing, and note-taking. It is particularly useful in environments where gloves are worn, thanks to the tablet's Glove Mode. The S-Pen is stored securely within the tablet's casing.

5.3 Camera Functionality

The tablet features a 13.0-megapixel UHD camera for capturing high-quality photos and videos. Access the camera application from the home screen or app drawer. Utilize various modes and settings to enhance your photography.

5.4 Samsung DeX

Samsung DeX allows you to connect your tablet to an external monitor for a PC-like experience. This feature enables seamless transitions between mobile and desktop environments, enhancing productivity for tasks requiring a larger display.

Never Miss a Beat with DeX

With DeX, you can rely on one device for seamless transitions, access to data anywhere, and the ability to create a more productive, immersive PC-like experience.



Figure 6: Utilize Samsung DeX for a desktop-like experience with an external monitor.

5.5 mPOS and NFC Capabilities

The Galaxy Tab Active Pro is mPOS (mobile Point of Sale) and NFC (Near Field Communication) ready. This allows for quick and secure contactless payments and data exchange, streamlining business operations.

mPOS and NFC ready

Our NFC capable devices allow you to access production information in real time, while monitoring and managing team and machine usage all at once. With mPOS-ready device, you can now accept payments without any additional hardware necessary, making transactions that much faster.*



**mPos and NFC function as intended with NFC enabled contactless credit cards only in addition to compatible back end processing systems.*

Figure 7: The tablet supports mPOS and NFC for efficient payment processing.

5.6 Augmented Reality (AR)

Leverage the tablet's AR capabilities for visualizing real solutions, such as overlaying digital information onto physical objects for maintenance or training purposes.

Visualize Real Solutions with AR

Bring your team better-than-ever mechanical information and preventative maintenance with Google ARCore with AR Assist.



Figure 8: Visualize real solutions with AR technology for improved maintenance and operations.

6. MAINTENANCE

6.1 Water and Dust Resistance

The Galaxy Tab Active Pro is IP68-certified, meaning it is protected against dust ingress and can withstand submersion in up to 5 feet of water for 30 minutes. After exposure to water, ensure to rinse off any residue and thoroughly dry the device.

6.2 Battery Care

To maximize battery life, avoid exposing the tablet to extreme temperatures. The battery is user-replaceable, allowing for extended use in the field by swapping out a depleted battery with a charged one.

6.3 Storage Management

The tablet comes with 64GB of internal storage. For additional space, a microSD card slot supports up to 512GB. Regularly manage your files and applications to optimize performance.

Room for your biggest ideas

Get all the space you need to take your data and files on the road with 64GB of built-in memory and an integrated microSD card slot (up to 512GB).

Memory
4GB+64GB

Micro SD
512GB



*MicroSD card sold separately.

Figure 9: The tablet offers 64GB of built-in memory, expandable up to 512GB with a microSD card.

7. TROUBLESHOOTING

If you encounter any issues with your Samsung Galaxy Tab Active Pro, consider the following basic troubleshooting steps:

- **Restart the device:** A simple restart can often resolve minor software glitches.
- **Check for software updates:** Ensure your tablet's operating system is up to date.
- **Clear app cache/data:** If a specific app is causing issues, try clearing its cache or data in the app settings.
- **Factory reset:** As a last resort, a factory reset can resolve persistent software problems, but remember to back up your data first.

8. SPECIFICATIONS

Feature	Detail
Standing screen display size	10.1 Inches
Screen Resolution	1920 x 1200 pixels
Max Screen Resolution	1900x1200 Pixels
Processor	2133 GHz
RAM	64 GB
Hard Drive	64 GB
Graphics Coprocessor	Adreno 615
Wireless Type	802.11a/b/g/n
Average Battery Life (in hours)	15 Hours
Item model number	SM-T540NZKAXAR
Operating System	Android 9 Pie
Item Weight	1 pounds
Product Dimensions	6.69 x 0.39 x 9.58 inches
Color	Black
Processor Brand	Qualcomm
Number of Processors	8
Flash Memory Size	4 GB

9. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Samsung website or contact their customer service. Keep your proof of purchase for any warranty claims.

