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- › [OSCAL](#) /
- › [OSCAL Tiger 8 Smartphone 5G User Manual](#)

OSCAL Tiger 8

OSCAL Tiger 8 Smartphone 5G User Manual

Your comprehensive guide to the OSCAL Tiger 8 Smartphone 5G

1. INTRODUCTION

Thank you for choosing the OSCAL Tiger 8 Smartphone 5G. This manual provides essential information for setting up, operating, and maintaining your device. Please read it carefully to ensure optimal performance and longevity of your smartphone.

What's in the Box

- OSCAL Tiger 8 Smartphone
- USB Charging Cable
- SIM Card Pin Ejector Tool
- Protective Case
- Screen Protector Film



Image: Package contents of the OSCAL Tiger 8 Smartphone.

2. DEVICE OVERVIEW

Familiarize yourself with the physical components of your OSCAL Tiger 8 Smartphone.



Image: Physical layout and dimensions of the OSCAL Tiger 8 Smartphone.

- **Front Camera:** Located at the top center of the display.
- **Rear Camera Module:** Houses the 16MP main camera and other sensors.
- **Volume Buttons:** On the right side, for adjusting audio levels.
- **Power Button/Fingerprint Sensor:** On the right side, used for power control and biometric authentication.
- **SIM Card Slot:** On the left side, for inserting Nano-SIM and Micro SD cards.
- **USB-C Port:** At the bottom, for charging and data transfer.
- **3.5mm Headphone Jack:** At the bottom, for connecting wired headphones.

3. INITIAL SETUP

3.1 SIM Card and Micro SD Card Installation

1. Ensure the phone is powered off.
2. Locate the SIM card slot on the left side of the device.
3. Insert the provided SIM ejector tool into the small hole next to the tray and push gently until the tray pops out.
4. Place your Nano-SIM card(s) and/or Micro SD card into the tray according to the diagram on the tray.
5. Carefully push the tray back into the slot until it is flush with the device.

3.2 Powering On/Off

- **To Power On:** Press and hold the Power button (located on the right side) until the OSCAL logo appears.
- **To Power Off:** Press and hold the Power button, then select 'Power off' from the options on the screen.
- **To Restart:** Press and hold the Power button, then select 'Restart' from the options on the screen.

3.3 Initial Configuration

Upon first power-on, follow the on-screen instructions to set up your device. This typically includes:

- Language selection
- Connecting to a Wi-Fi network
- Setting up your Google account
- Setting up screen lock (PIN, pattern, password, fingerprint, face unlock)

4. OPERATING YOUR OSCAL TIGER 8

4.1 Display and Interaction

The OSCAL Tiger 8 features a 6.88-inch HD+ display with ultra-thin bezels, providing an immersive visual experience. The 120Hz refresh rate ensures smooth scrolling and immediate touch response, ideal for gaming and video playback. With 450 nits of brightness, colors remain vivid even in sunlight. Eye protection modes are included for comfortable viewing throughout the day.

6.88 pollici Schermo immersivo goutte

120Hz Schermo AdaptiveSync

720*1640

Risoluzione

450nit

Chiaro al sole

HD+ IPS

Colori reali e brillanti

89.7%

Maggiore proporzione di schermo

Esperienza visiva più intensa

Visione brillante da ogni angolo



Image: Immersive 6.88-inch HD+ 120Hz display.

Frequenza di ripetizione dell'immagine intelligente di 120Hz grazie all'intelligenza intellettuale

Liquido. Veloce. Incredibilmente intelligente.

Divisione della frequenza di ripetizione dell'immagine:

60Hz

Navigazione quotidiana e scorrimento sui social network

90Hz

Gioco occasionale e scorrimento rapido

120Hz

Gioco intensivo e streaming video ad alta risoluzione

Intelligente

L'IA regola spontaneamente la frequenza di ripetizione dell'immagine per risparmiare energia.



Image: Adaptive display modes for visual comfort.

4.2 Performance and System

Powered by the Unisoc T8100 octa-core 5G processor, the OSCAL Tiger 8 is designed for exceptional performance in gaming, streaming, and multitasking. An advanced cooling system ensures the device remains cool and fluid even during intense use. The device features 12GB RAM (4GB physical + 8GB virtual) and 128GB internal storage, expandable up to 2TB via a Micro SD card, providing ample space and smooth operation for multiple applications.

5G Octa-Core Unisoc T8100

Basato su 1A. Supera i limiti di velocità.



6nm EUV



**LPDDR4X +
UFS2.2**



**Arm Mali G57
650MHz**



**4*A76 2.2GHz
4*A55 2.0GHz**



**451815
Punti**



**3.2 TOPS
Tasso di hash**



5G



Oltre **86555mm²** di superficie totale per la dissipazione del calore

Image: Unisoc T8100 5G Octa-Core Processor and advanced cooling system.

Processore Unisoc T8100 Octa-Core-5G

Nessun limite. Solo velocità.

6nm EUV

Miglioramento delle prestazioni e della durata.

Arm Mali G57@650MHz

Performance grafica fluida.

LPDDR4X + UFS2.2

Elaborazione rapida dei dati

4*A76@2.2GHz + 4*A55@2.0GHz

Ottimizzato per applicazioni e giochi ad alta intensità di risorse

451.815 Punti

AnTuTu-Benchmark

Tasso di hash massimo di 3.2

Tasche AI più veloci e fluide



Image: Memory configuration with 12GB RAM and 128GB ROM, expandable to 2TB.

4.3 Software and AI Features

The OSCAL Tiger 8 runs on Android 15, integrated with DokeOS 4.2, offering advanced features for practical

and secure daily use. The interface is optimized with intelligent AI, enhanced notification management, and improved privacy protection. You can personalize themes, wallpapers, and shortcuts. The device integrates three powerful AI models: DeepSeek-R1, ChatGPT-4o mini, and Gemini AI 2.0 Flash Edition, enabling intelligent chat, AI image generation, document analysis, study support, photo/video editing, and music creation.

Android 15

Fluenza ↑ | Convenienza ↑ | Privacy & Sicurezza ↑ | Personalization ↑



Image: Android 15 and DokeOS 4.2 interface.

L'ultimo DokeOS 4.2 × Android 15

Fluency ↑ | Convenienza ↑ | Privacy e sicurezza ↑ | Personalizzazione ↑



Image: Gemini AI features for enhanced digital efficiency.

Preinstallato Gemini AI

Rendere la vita digitale più efficiente

Sveglia vocale e riconoscimento vocale
Se parliamo solo parole, sappiamo che sei tu.

Interazioni vocali in tempo reale
Parla liberamente.
Ottieni risposte subito

Assistenza sullo schermo
Assistenza intelligente quando è necessario

Controllo globale intelligente
Controllo totale, comando unico

Image: Doke AI applications for creative tasks.

4.4 Camera Functions

Capture clear and vivid moments with the OSCAL Tiger 8's 16MP main camera and 8MP front camera. The camera system includes AI scene recognition, smile shutter, and facial unlock. It supports 4K FHD+ video recording. Explore various camera modes such as Night, Beauty, Portrait, and HDR to enhance your photography.

Fotocamera principale 16 Mpx e frontale 8 Mpx ultra-netta

Momenti sorprendenti, catturati con intelligenza



Video
4K FHD+



Riconoscimento
scenico IA



Illuminazione
di riempimento
del viso



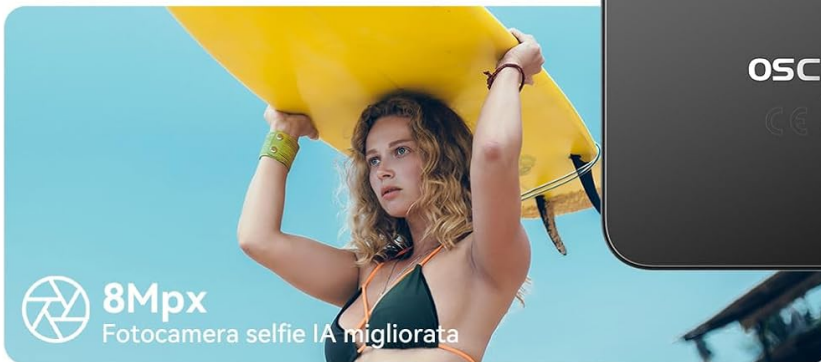
Obtuttore
di sorriso



Déverrouillage
facciale



16Mpx
Camera principale IA



8Mpx
Fotocamera selfie IA migliorata



Image: 16MP Main and 8MP Front AI Cameras.

Fotocamera principale da 16 MP con AI

Mantieni i tuoi momenti più belli nitidi e chiari.



AI-Scenener-
kennung



scatenante
sorrisot

Fotocamera selfie da 8 MP con AI

Migliora i tuoi selfie.



Illuminazione
facciale



Disblocco
del viso



Registrazione video 4K-FHD+
Risveglia ogni momento alla vita.

Image: Diverse camera modes for various photographic scenarios.

4.5 Battery Management

The OSCAL Tiger 8 is equipped with a 5000mAh internal battery, supported by an intelligent power


management system for stable and long-lasting performance. It supports 18W fast charging, significantly reducing charging times. Expected battery life includes 6 hours of continuous gaming, 8.5 hours of video playback, 26 hours of music, and up to 22 days in standby.

Batteria lunga durata 5000 mAh

Più autonomia. Più libertà



					
550ore Veille	25ore Appelli	26ore Musica	11ore Navigazione	8.5ore Video	8ore Giochi

**Carica rapida 18 W ▲**


**50% in 43 min ▲**

Image: 5000mAh long-lasting battery with 18W fast charging.

4.6 Connectivity and Security

The OSCAL Tiger 8 offers robust connectivity and security features. It supports 5G dual SIM functionality, NFC for convenient contactless payments and data sharing, and OTG for connecting external USB devices. For navigation, it utilizes GPS, GLONASS, Beidou, and Galileo. Security options include a side-mounted fingerprint sensor and facial recognition for quick and secure unlocking.

Scopri altre funzionalità

Compatibilità NFC

Pagamento, appairage e condivisione istantanee



Doppia compatibilità 5G

Fatto fluido sui due SLM



GPS+Glonass+Beidou+Galileo

Posizionamento preciso ovunque



Sblocco con riconoscimento facciale e impronta digitale

Due modi per sbloccare istantaneamente



Image: Connectivity and security features including NFC, Dual SIM, GPS, Fingerprint, and Face Unlock.

5. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your OSCAL Tiger 8 Smartphone.

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body of the device. Avoid using harsh chemicals or abrasive materials.
- **Temperature:** Avoid exposing your phone to extreme temperatures (very hot or very cold) as this can affect battery life and internal components.
- **Water Exposure:** The device is not waterproof. Avoid contact with water or other liquids.
- **Software Updates:** Regularly check for and install software updates to benefit from the latest features, security patches, and performance improvements.
- **Storage:** Do not overfill your device's storage. Periodically clear unnecessary files and app caches to maintain smooth operation.

6. TROUBLESHOOTING

If you encounter issues with your OSCAL Tiger 8, try the following basic troubleshooting steps:

- **Device Not Responding:** If the device freezes or becomes unresponsive, press and hold the Power button for approximately 10-15 seconds to force a restart.
- **Apps Crashing or Slow:** Try clearing the cache of the problematic application via Settings > Apps > [App Name] > Storage > Clear Cache. If the issue persists, consider reinstalling the app or ensuring your device software is up to date.
- **Battery Draining Quickly:** Check background app usage in Settings > Battery. Reduce screen brightness, disable unnecessary features like GPS, Bluetooth, or Wi-Fi when not in use. Consider using power-saving modes.
- **Connectivity Issues (Wi-Fi/Mobile Data):** Restart your device. Toggle Wi-Fi or mobile data off and on. If problems persist, try resetting network settings via Settings > System > Reset options > Reset Wi-Fi, mobile & Bluetooth.
- **Fingerprint Sensor Not Working:** Ensure your finger is clean and dry. Re-register your fingerprints in Settings > Security > Fingerprint.
- **Poor Call Quality:** Check your network signal strength. Ensure nothing is obstructing the microphone or speaker. Try restarting the device.

7. SPECIFICATIONS

Key technical specifications for the OSCAL Tiger 8 Smartphone 5G.

Feature	Specification
Brand	OSCAL
Model Name	OSCAL Smartphone 5G (Tiger 8)
Operating System	Android 15
Processor	Unisoc T8100 Octa-Core (2.2 GHz)
RAM	12 GB (4GB physical + 8GB virtual)
Internal Storage	128 GB
Expandable Storage	Up to 2 TB (Micro SD)
Display Size	6.88 Inches
Display Resolution	720 x 1640 pixels (HD+)
Refresh Rate	120 Hz
Main Camera	16 MP
Front Camera	8 MP
Video Resolution	4K
Battery Capacity	5000 mAh
Charging	18W Fast Charging
Connectivity	5G, WLAN, Bluetooth, USB, NFC
Navigation	GPS, GLONASS, Beidou, Galileo

Feature	Specification
Security	Fingerprint Sensor, Facial Recognition
Dimensions	18 x 7 x 1.3 cm
Weight	100 g

8. WARRANTY AND SUPPORT

OSCAL is committed to providing high-quality products and excellent customer service. Your OSCAL Tiger 8 Smartphone 5G comes with comprehensive support.

- **Warranty:** Enjoy a 2-year warranty from the date of purchase.
- **Technical Support:** Lifetime technical support is available for your device.
- **Customer Service:** Our customer service team is available 24/7 to assist you with any questions or issues.

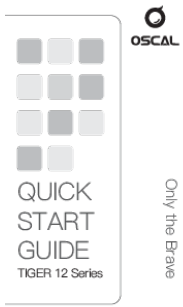
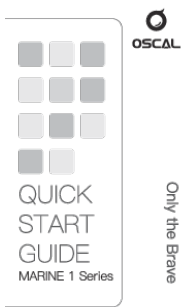


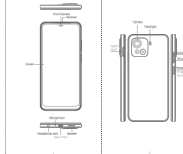
For assistance, please refer to the contact information provided with your purchase or visit the official OSCAL support website.



Image: OSCAL's commitment to customer service and warranty.

Related Documents - Tiger 8

	<p>OSCAL PAD13 Tablet User Manual: Setup, Features, Safety & Maintenance</p> <p>Comprehensive user manual for the OSCAL PAD13 tablet. Learn how to insert SIM cards, boot up, send messages, manage language settings, understand safety precautions, and perform maintenance.</p>
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	<p>OSCAL TIGER 12 Series Quick Start Guide - Setup and Usage</p> <p>Get started with your OSCAL TIGER 12 Series smartphone. This quick start guide provides essential setup instructions, including SIM card insertion, booting, messaging, language settings, safety precautions, and maintenance tips.</p>
	<p>Oscal Marine 1 Series Quick Start Guide</p> <p>A quick start guide for the Oscal Marine 1 Series smartphone, covering setup, basic functions, language settings, SAR information, safety precautions, maintenance, and certification.</p>
	<p>OSCAL T90 Tablet: Android 14, 10.1-inch Display, Octa-Core CPU</p> <p>Discover the OSCAL T90 tablet, featuring Android 14, a 10.1-inch display, Octa-Core CPU, 5000mAh battery, and dual cameras. Includes essential safety information and manufacturer details.</p>
	<p>OSCAL FLAT 2C Smartphone Specifications and Safety Information</p> <p>Detailed specifications and essential safety guidelines for the OSCAL FLAT 2C smartphone, including display, memory, battery, and camera details. Information provided in multiple languages.</p>
	<p>OSCAL C80 Smartphone User Manual and Safety Guide</p> <p>Comprehensive user manual for the OSCAL C80 Smartphone, covering setup, features, safety precautions, and maintenance.</p>