LAGENIO Panther2 Pro

LAGENIO Panther2 Pro Android 15 Rugged Smartphone User Manual

Model: Panther2 Pro

1. Getting Started

1.1 Package Contents

Verify that all items are present in your product package:

- LAGENIO Panther2 Pro Rugged Smartphone
- Power Adapter
- Type-C Cable
- SIM Card Pin
- Tempered Glass Film
- User Manual (this document)
- Information Card

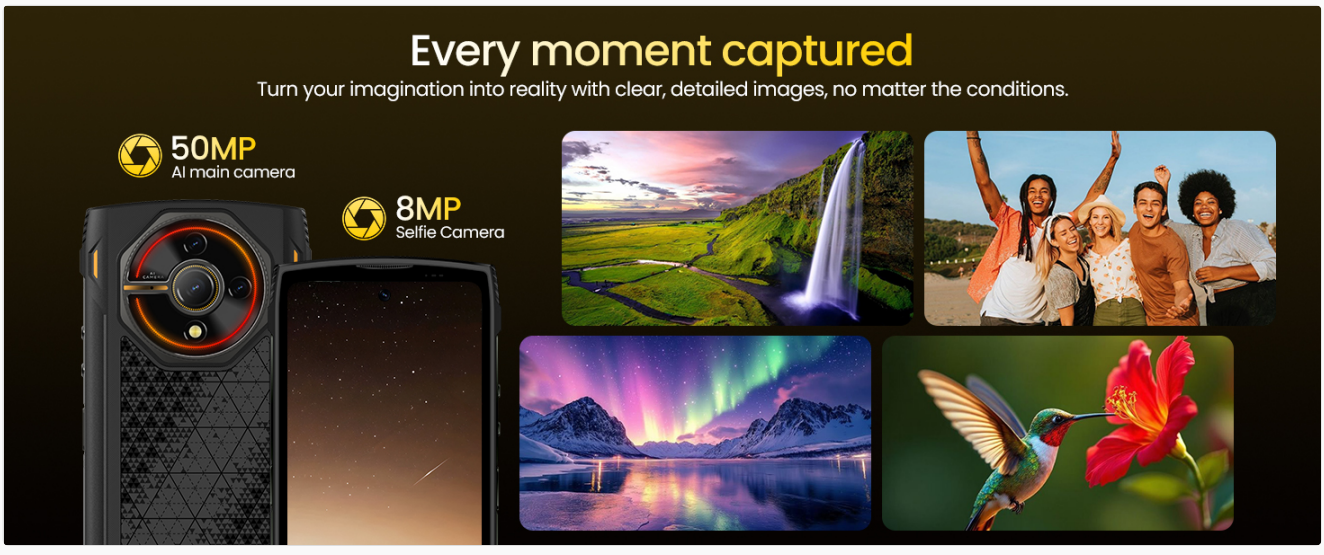


Image: The LAGENIO Panther2 Pro packing list, including the smartphone, power adapter, Type-C cable, SIM card pin, tempered

glass film, user manual, and information card.

1.2 SIM and MicroSD Card Installation

The LAGENIO Panther2 Pro features a triple slot for dual 4G SIM cards and one MicroSD card (up to 1TB). To install:

1. Locate the SIM card tray on the side of the device.
2. Insert the provided SIM card pin into the small hole next to the tray to eject it.
3. Place your Nano-SIM cards and/or MicroSD card into the designated slots on the tray. Ensure they are correctly oriented.
4. Carefully reinsert the tray into the phone until it clicks into place.

1.3 Initial Power On and Setup

Press and hold the Power button (usually on the right side) until the LAGENIO logo appears. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, Google account login, and security settings.

1.4 Charging the Device

Connect the Type-C cable to the phone's charging port and the other end to the power adapter. Plug the adapter into a wall outlet. The device supports 18W fast charging. A full charge provides approximately 860 hours of standby, 32 hours of calls, 19 hours of music, or 6.5 hours of video playback.



Image: Graphic illustrating the 5150mAh battery and 18W fast charging capability of the LAGENIO Panther2 Pro, including 5W OTG reverse charging and estimated usage times for standby, calls, music, and video.

2. Operating Your Device

2.1 Android 15 Operating System

The LAGENIO Panther2 Pro runs on Android 15, offering advanced data protection and private space features. It provides a fluid multitasking experience optimized for large screens.



Image: Screenshot of the Android 15 interface on the LAGENIO Panther2 Pro, showing various app icons and system settings for comfort, fluidity, privacy, and personalization.

2.2 Integrated Gemini AI

The device includes an integrated Gemini AI assistant to help with various tasks, such as content creation, image analysis, code development, language learning, and providing intelligent assistance.



Image: Graphic depicting the integrated Gemini AI on the LAGENIO Panther2 Pro, with icons for content creation, image analysis, code development, language learning, intelligent assistant, and Gemini Live.

2.3 Display Features

The 6.7-inch HD+ display features a 120Hz refresh rate for smooth visuals and 600 nits brightness for clear visibility even in direct sunlight. It is protected by Gorilla Glass 5 for enhanced durability.

Image: Image highlighting the 6.7-inch HD+ display of the LAGENIO Panther2 Pro, featuring a panther graphic and details on screen dimensions, screen-to-body ratio, PPI, and 600 nits maximum brightness with 120Hz refresh rate.

2.4 Camera Functions

The LAGENIO Panther2 Pro is equipped with a 50MP AI main camera for sharp, detailed photos and an 8MP front camera for high-quality selfies. Camera modes include Portrait, Panorama, HDR, Night Mode, Face Filters, and a dedicated Underwater Mode. It supports 1080p FHD video recording.

Image: Image showing the LAGENIO Panther2 Pro's 50MP rear camera and 8MP front camera, with an example of an underwater photo and icons for night mode, portrait, face filters, HDR, and underwater mode.

2.5 Connectivity and Navigation

The device supports 4G cellular networks, Bluetooth 5.0, and NFC for contactless payments via Google Pay. For navigation, it integrates four satellite systems: GPS, GLONASS, Beidou, and Galileo, ensuring accurate positioning.

2.6 Security Features

Unlock your device using biometric methods, including Face ID (facial recognition) and a side-mounted fingerprint sensor.

2.7 Customizable Features

The Panther2 Pro includes a programmable action button that can be assigned to various functions such as flashlight, SOS, underwater camera, screenshots, or opening specific applications. It also features a customizable LED system with lights that react to music and notifications.

2.8 OTG Functionality

The On-The-Go (OTG) function allows the phone to act as a power bank, enabling you to charge other devices using a compatible OTG cable.

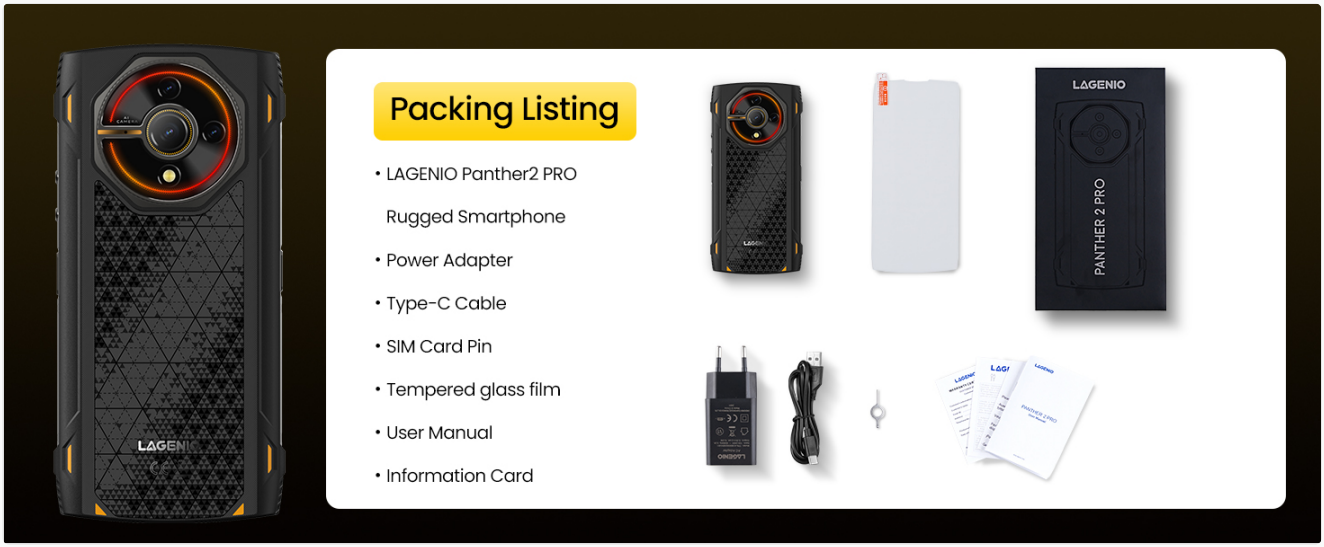


Image: Image showcasing additional features of the LAGENIO Panther2 Pro, including GPS navigation, Glove Mode, a customizable action button (flashlight, SOS, camera, screenshots, apps), NFC for payments, face recognition, fingerprint unlock, triple card slots (dual SIM + microSD), and Bluetooth 5.0.

3. Maintenance and Care

3.1 Durability Features

The LAGENIO Panther2 Pro is designed for extreme conditions, certified with IP68 and IP69K ratings for water and dust resistance, and MIL-STD-810H for shock resistance. It can withstand immersion in water up to 1.5 meters for 30 minutes and drops from up to 1.5 meters.

Image: Images demonstrating the ruggedness of the LAGENIO Panther2 Pro, showing resistance to dust, water (up to 1.5m), and drops (up to 1.5m), with certifications IP68, IP69K, and MIL-STD-810H, and icons for GPS, Beidou, GLONASS, and Galileo navigation systems.

3.2 Cleaning Your Device

To clean the device, wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials, as these may damage the screen or casing. Ensure all ports are dry before charging or connecting accessories.

3.3 Battery Care

To prolong battery life, avoid exposing the device to extreme temperatures. Do not fully discharge the battery frequently. Use only the provided charger and cable for optimal charging performance.

3.4 Software Updates

Regularly check for software updates to ensure your device has the latest features, security patches, and performance improvements. Go to Settings > System > System update to check for available updates. The duration of guaranteed software updates is currently unknown.

4. Troubleshooting

If you encounter issues with your LAGENIO Panther2 Pro, refer to the following common troubleshooting steps:

Problem	Solution
Device does not power on	Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again. If unresponsive, perform a forced restart by holding the Power button for 10-15 seconds.
Battery not charging	Check if the charging cable and adapter are securely connected. Try a different outlet or charging accessory. Ensure the charging port is clean and free of debris.
Poor network signal	Check if your SIM card is properly inserted. Move to an area with better network coverage. Restart the device. Verify your network settings.
Apps crashing or freezing	Close and reopen the app. Clear the app's cache and data (Settings > Apps > [App Name] > Storage). Ensure the app is updated to the latest version. Restart the device.
Touchscreen unresponsive	Restart the device. If the issue persists, contact customer support.

For more complex issues, please refer to the support section.

5. Technical Specifications

Key technical specifications for the LAGENIO Panther2 Pro smartphone:

Feature	Specification
Model	Panther2 Pro
Operating System	Android 15
Processor	Octa-Core Unisoc T7250
RAM	24 GB (8 GB physical + 16 GB extended)
Internal Storage (ROM)	256 GB
Expandable Storage	Up to 1 TB via MicroSD card
Display Size	6.7 inches
Display Type	HD+ LCD with Gorilla Glass 5
Refresh Rate	120 Hz
Max Brightness	600 nits
Rear Camera	50 MP AI Camera
Front Camera	8 MP
Battery Capacity	5150 mAh
Charging	18W Fast Charging, 5W OTG Reverse Charging
Durability Ratings	IP68, IP69K, MIL-STD-810H
Connectivity	4G Dual SIM, NFC, Bluetooth 5.0
Navigation	GPS, GLONASS, Beidou, Galileo
Security	Face ID, Fingerprint Unlock
Dimensions (Thickness)	11.3 mm
Weight	266 g
Energy Efficiency Rating	A



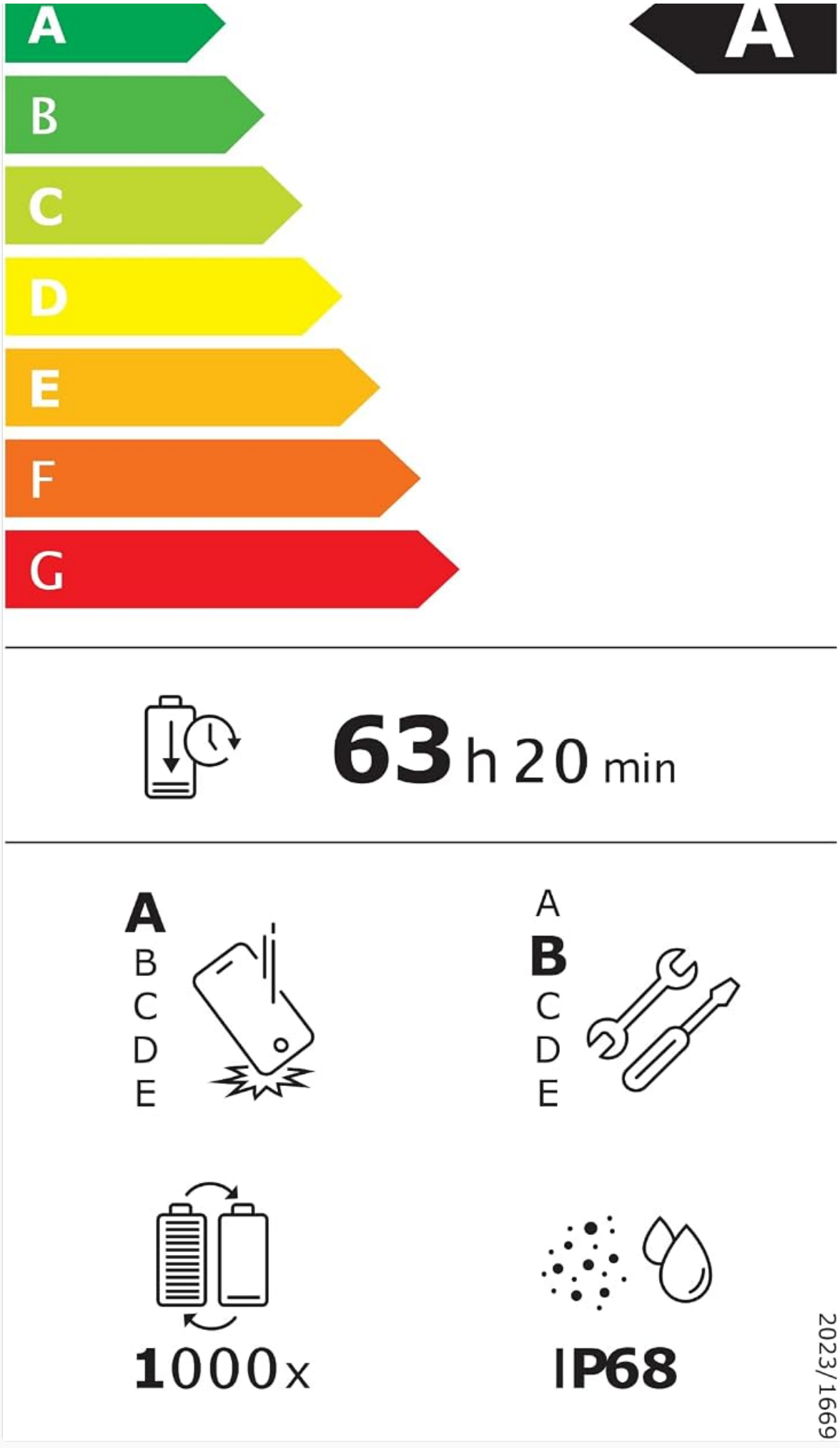


Image: EU Energy Label for the LAGENIO Panther2 Pro, showing energy efficiency class A, battery life, and IP68 rating.

For detailed product information, refer to the official product data sheet:

View Product Data Sheet (EPREL)

Scheda informativa del prodotto

REGOLAMENTO DELEGATO (UE) 2023/1669 DELLA COMMISSIONE per quanto riguarda l'etichettatura energetica degli smartphone e dei tablet

1. Marchio LAGENIO		**2. Identificativo del modello** PANTHER 2 PRO
3. Parametri generali del prodotto:		
Parametro		Valore
4. Tipo di dispositivo		Smartphone
5. Sistema operativo		Android
6. Classe di efficienza energetica		A
7. Batteria sostituibile da parte dell'utente		No
8. Durata della batteria per ciclo (END_{device}[h])		63
9. Durata della batteria in cicli – impostazioni predefinite [cicli]		1 000
10. Capacità nominale della batteria (C_{rated}[mAh])		5 150
11. Commercializzato con custodia protettiva		No
12. Prova di affidabilità in caso di caduta libera ripetuta – cadute senza riportare difetti [n]		270
13. Prova di affidabilità in caso di caduta libera ripetuta – cadute senza riportare difetti, prova effettuata in stato completamente esteso [n]		n.a.
14. Classe di affidabilità in caso di caduta libera ripetuta		A
15. Grado di protezione da agenti esterni		IP68
16. Profondità di immersione in acqua specificata, in caso di IPx8 [m]		2,00
17. Resistenza ai graffi dello schermo sulla scala di Mohs		6
18. Carica-batterie	Potenza di uscita richiesta [W]	18
	Tipo di presa (all'estremità del dispositivo)	USB-C
Informazioni sulla riparabilità:		
19. Disponibilità minima garantita di aggiornamenti di sicurezza, aggiornamenti correttivi e aggiornamenti delle funzionalità del sistema operativo (anni)		5
20. Classe di riparabilità (in base all'indice riportato di seguito)		B
21. Indice di riparabilità		3,70
21a. Punteggio relativo alla profondità di smontaggio (S_{DO}) punteggio		4,35
21b. Punteggio relativo al tipo di elementi di fissaggio (S_F)		3,50
21c. Punteggio relativo al tipo di attrezzi (S_T)		3,95

21d. Punteggio relativo ai pezzi di ricambio (S_{SP})	4
21e. Punteggio relativo alla durata degli aggiornamenti software (S_{SU})	3
21f. Punteggio relativo alle informazioni sulla riparazione (S_{RI})	3
22. Link alle informazioni sulla disponibilità di pezzi di ricambio per riparatori professionisti e utenti finali	/
23. Link alle istruzioni relative alle riparazioni per gli utenti finali	/
24. Link ai prezzi indicativi ante imposte	/
Informazioni supplementari:	
25. Durata minima della garanzia offerta dal fornitore [mesi]	12

Modello immesso sul mercato dell'Unione da 16/07/2025.

Numero di registrazione EPREL: 2417201

https://eprel.ec.europa.eu/qr/2417201

Fornitore: Apex CE Specialists GmbH (Rappresentante autorizzato)

Sito web:

Servizio di assistenza alla clientela:

Nome: Apex CE Specialists GmbH

Sito web:

E-mail: Info@apex-ce.de

Telefono: +49 177 699 5991



Image: Detailed product data sheet (Scheda informativa del prodotto) for the LAGENIO Panther2 Pro, including technical specifications and EPREL link.

6. Warranty and Support

6.1 Product Warranty

The LAGENIO Panther2 Pro comes with a 2-year warranty, covering manufacturing defects and ensuring repair assistance. Please retain your proof of purchase for warranty claims.

6.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact LAGENIO customer support:

- **Online Support:** Available 24/7
- **Telephone Support:** Contact details may vary by region. Refer to the information card in your package or the official LAGENIO website for specific contact numbers.
- **Service Provider:** Apex CI Specialists GmbH
- **Email:** info@apex-ci.de

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question