Volla Phone Quintus. The world's first smartphone with integrated cloud

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Volla Phone Quintus: The smart and secure smartphone from Germany

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Volla Phone Quintus: The future of smartphone security and convenience

Remscheid, January 2025: Following the successful crowdfunding campaign, the new flagship model from German manufacturer Volla Systeme is now being delivered. The beta phase of the Volla Messages app has also been launched for other Android smartphones and desktop operating systems. It uses the Volla Cloud based on Holochain's post-blockchain technology. The Volla operating system relies on an intelligent user interface and uncompromising data protection with a special security mode.

The Volla Phone Quintus reached 200% of its funding target in summer 2024 on the popular crowdfunding platform Kickstarter. In addition to its slim construction, elegant design with a piano look and high performance, the flagship model is by its own Android operating system Volla OS. The Volla Phone Quintus was developed with a focus on privacy, security and user-friendliness.

The Volla Cloud; A new paradigm for security and independence

It is the world's first smartphone to use an integrated, proprietary cloud that does not require a data center. Instead, the cloud is created from networked smartphones and other end devices such as laptops and PCs. A separate network is created for each use case. Volla thus places digital sovereignty in the hands of the user.

The technical basis is Holochain technology. It uses the best of blockchain, distributed protocols of data transactions (distributed hashtables), and at the same time goes this. Holochain is not global, but local. This requires less energy and users always decide for themselves where their data is stored. More importantly, Holochain makes it possible to delete data. A blockchain accumulates data until the dead end of available storage ends.
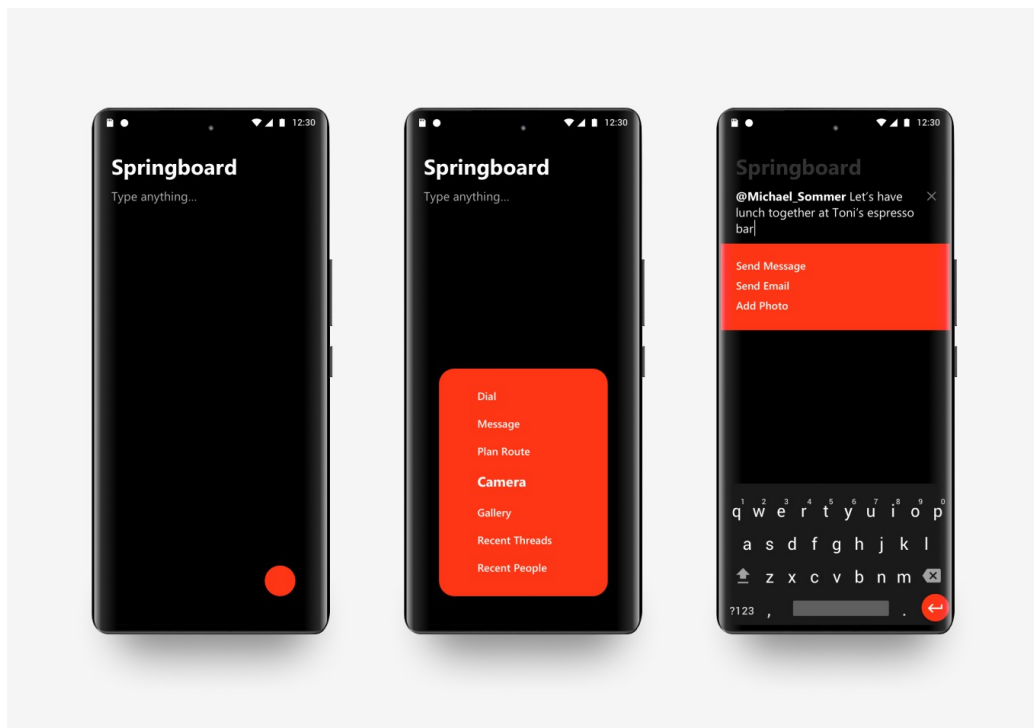
Volla Messages: The secure alternative

One of the first apps to use the Volla Cloud is the Volla Messages app, which is part of Volla OS as a public beta version. The beta phase has now also been launched for other Android smartphones as well as Linux, Windows and macOS on the popular open source platform Github so that as many people as possible can use the new independence and security.

Intelligent user interface: simplifying daily life

Modern smartphones demand a lot of time and attention. At the same time, complexity is increasing. The Volla OS springboard concept promises less distraction and a new simplicity without compromising on functions.

The Volla Start app displays an intelligent text field and a red dot. The text field guesses the user's intention and makes suggestions for completion or functions such as a call or text message. Input can also be by voice. Unlike Siri and other mobile assistants, the intelligence is performed exclusively on the smartphone for uncompromising privacy.

The red dot serves as a quick menu to call up common activities with a single gesture, for example opening the camera or one of the
"Collections", compilations of contacts with whom the user was last in contact or exchanged text messages, whether SMS or Signal.

A swipe gesture to the right automatically displays grouped apps, which can also be set as the home screen.

Uncompromising security without Google and with security mode

Volla OS is Android cleansed of Google services and apps to user privacy. It is also not necessary to have a Volla account to use the

Volla Phone Quintus into operation. If you still need Google apps or services, you can activate the open source alternative microG.

A unique security mode flanks the clean system for cyber security. Users can specifically block background activities of apps and filter data traffic to prevent trackers and malware.

The pre-installed, optional VPN from Hide.me ensures anonymity and protection of Internet connections with a special encryption method and guarantees no logging of Internet activity.

Optionally with Linux operating system

The Volla Phone Quintus is also available with the mobile Linux operating system Ubuntu Touch, which is based on the popular Ubuntu Linux distribution. Anyone who already uses Ubuntu on their PC will find themselves in the same world.
Ubuntu Touch is perfect for those who want to have full control of their device with a command line interface and experience convergence.

Convergence is a concept in which a smartphone with a connected display, keyboard and mouse can be used like a PC. Tedious synchronization between PC and smartphone is now a thing of the past. If you can't make up your mind, you can forward to the announced multi-boot function for the Volla Phone Quintus. This allows two operating systems to be used on one device, for the first time worldwide without a memory card on the internal memory.

Main features and specifications

- **XL AMOLED display:** The Volla Phone Quintus has a stunning 6.78-inch, full-surface, rounded AMOLED display that offers a radiant brightness of up to 980 nits HBM and a razor-sharp resolution of 1080 x 2400 pixels at a refresh rate of 120 Hz.
- **Triple camera system:** Equipped with a 50 MP wide-angle sensor, an 8 MP ultra-wide-angle sensor and a 2 MP macro sensor, the Volla Phone Quintus ensures perfect shots in all situations and supports up to 4K video recording at 30 frames per second.
- **Powerful processor:** Powered by an 8-core Mediatek Dimensity 7050 processor and a Mali-G68 MC4 graphics processor, the device has 8 GB of RAM and 256 GB of internal storage to ensure smooth performance for any task.

- **Design and workmanship**: The super slim and lightweight design with a glass back measures 164.15 x 74.7 x 8.75 mm and weighs just 204.6 g.
- **Connectivity:** With support for 2G/3G/4G and 5G networks, Bluetooth 5.2 and Wi-Fi 6, the phone offers robust and versatile connectivity options.
- **Included accessories:** Transparent back shell, USB headset, USB jack adapter, SIM pin and instructions for use.

References

- Volla Phone Quintus: https://volla.online/de/volla-phone-quintus/
- Volla Messages App Download: https://github.com/holochain-apps/volla-messages/releases/
- Holochain: https://www.holochain.org/
- UBports: https://ubports.com/de/

About Volla Systeme GmbH

Volla Systeme GmbH (formerly Hallo Welt Systeme UG) was founded in 2017 by Dr. Jörg Wurzer. It is an independent German smartphone manufacturer that offers devices with its own Android operating system, Volla OS, or the mobile Linux distribution Ubuntu Touch. Volla OS is known for its strong focus on data protection and a unique intelligent operating concept.

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