Google G9BQD

Google Pixel 8 User Manual

Model: G9BQD | Brand: Google

1. PRODUCT OVERVIEW

The Google Pixel 8 is an unlocked Android smartphone designed for intuitive use, featuring an advanced camera system, robust security measures, and extended battery life. Powered by the Google Tensor G3 chip, it integrates Google AI for enhanced photo and video capabilities, smarter call management, and quick access to information. The device also includes personal safety features for user peace of mind.

Key Features:

- **Google Tensor G3 Chip:** Custom-designed with Google AI for cutting-edge photo and video features and smarter assistance.
- **Unlocked 5G Connectivity:** Offers flexibility across major carriers including Google Fi, Verizon, T-Mobile, and AT&T.
- **Upgraded Camera System:** Features advanced image processing, vivid color reproduction, striking detail, and Macro Focus for close-up photography.
- **Actua Display:** A 6.2-inch super sharp display with rich, vivid colors, offering fast and responsive performance up to 120Hz for smooth gaming and navigation.
- **Adaptive Battery:** Provides over 24 hours of battery life, extendable up to 72 hours with Extreme Battery Saver, and supports faster charging.

Figure 1.1: Front and back view of the Google Pixel 8 in Rose color. The device features a sleek design with a prominent camera bar on the back.

2. INITIAL SETUP

2.1. Unboxing and First Power On

Carefully remove your Google Pixel 8 from its packaging. The box typically contains the smartphone, a SIM Tray Ejector, a Quick Switch Adapter, and a USB Cable. To power on your device for the first time, press and hold the Power button located on the right side of the phone until the Google logo appears on the screen.

2.2. SIM Card Installation

1. Locate the SIM card tray on the side of your Pixel 8.
2. Insert the SIM Tray Ejector into the small hole on the tray and press firmly until the tray pops out.
3. Place your nano-SIM card into the tray with the gold contacts facing down and the cut corner aligned with the tray.
4. Gently push the tray back into the slot until it is flush with the phone's side.

The Pixel 8 supports Dual SIM functionality, allowing for the use of both a physical nano-SIM and an eSIM.

2.3. Initial Setup Wizard

Follow the on-screen prompts to complete the initial setup. This includes selecting your language, connecting to a Wi-Fi network, signing in with your Google account, and setting up security features like fingerprint unlock and face unlock. The Quick Switch Adapter can be used to transfer data from your old phone during this process.

3. BASIC OPERATIONS

3.1. Navigation

The Pixel 8 utilizes Android 13.0 with intuitive gesture navigation or traditional three-button navigation. You can customize your navigation preference in the device settings. Swipe up from the bottom to go home, swipe up and hold to view recent apps, and swipe from the left or right edge to go back.

3.2. Making Calls and Sending Messages

To make a call, tap the Phone app icon, enter the number using the dial pad, or select a contact from your list, then tap the call icon. For messaging, open the Messages app, tap 'Start chat', enter the recipient's number or name, and compose your message.
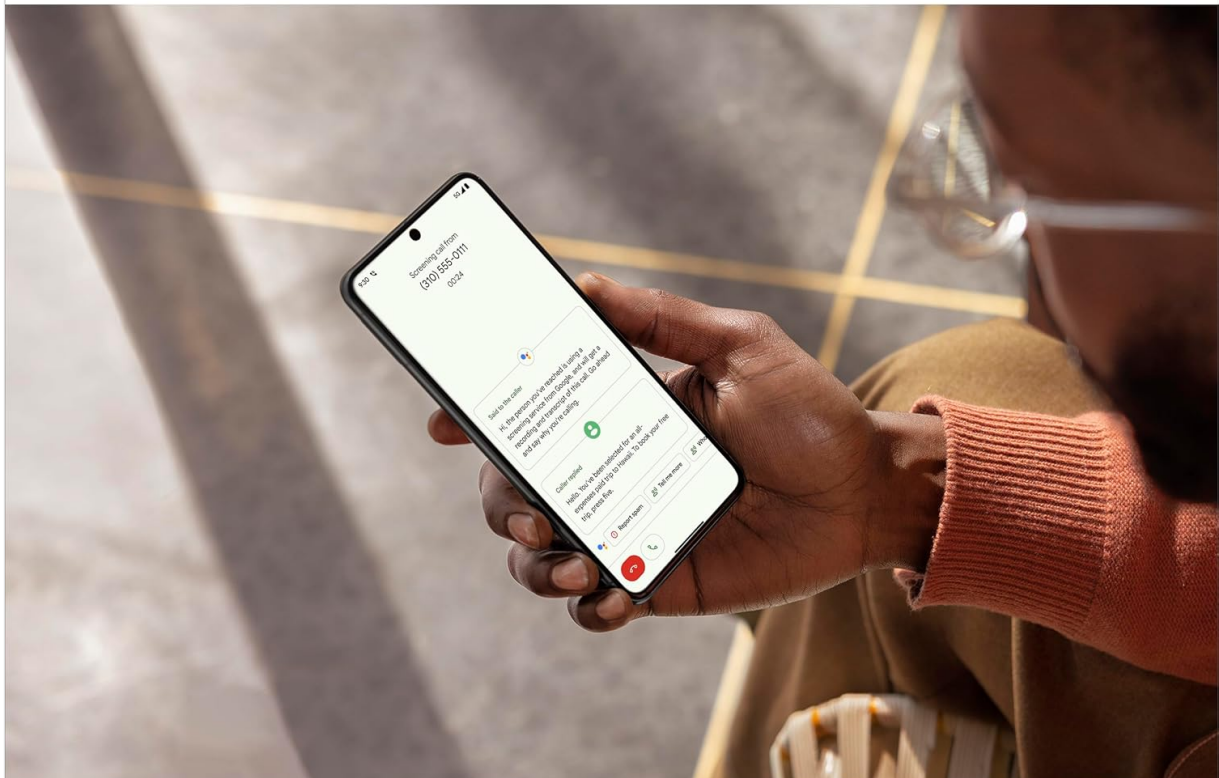

Figure 3.1: The Pixel 8's call screening feature helps manage incoming calls by providing a text-based interaction with the caller.

3.3. App Management

Install new applications from the Google Play Store. To uninstall an app, long-press its icon on the home screen or app drawer, then drag it to the 'Uninstall' option. Manage app permissions and notifications through the Settings

app under 'Apps'.

4. CAMERA FEATURES

The Google Pixel 8 features a fully upgraded camera system with advanced image processing capabilities, designed to capture vivid colors and striking details. It includes a 10.5 MP front camera, a 50 MP rear wide lens, and a 12 MP rear ultrawide lens.

4.1. Macro Focus

With Macro Focus, the Pixel 8 allows you to capture incredibly detailed close-up shots, making even the smallest subjects appear spectacular. Simply bring your camera close to the subject, and the phone will automatically switch to Macro Focus mode.

4.2. Best Take

The Best Take feature combines similar photos into one where everyone looks their best, ideal for group photos where someone might have blinked or looked away. This feature leverages Google AI to analyze and merge facial expressions from multiple shots.

4.3. Audio Magic Eraser

Reduce unwanted noise in your videos, such as car sounds or construction noise, using the Audio Magic Eraser. This AI-powered tool helps to isolate and minimize distracting background sounds, improving the clarity of your video's audio.

Amazing photos and videos, every time.

Best Take
Combines similar photos into one where everyone looks their best.[11]

Macro Focus
Makes even the smallest details look spectacular.

Audio Magic Eraser
Reduces unwanted noise in videos, like cars or construction.[12]

Figure 4.1: Visual examples of the Pixel 8's advanced camera capabilities, including the ability to combine multiple shots for a 'Best Take' group photo, capture intricate details with Macro Focus, and clean up audio with Audio Magic Eraser.

5. SECURITY AND PRIVACY

The Google Pixel 8 is built with powerful security features to protect your data and privacy, including the Titan M2 security chip.

5.1. VPN by Google One

A built-in VPN by Google One helps protect your online activity, encrypting your internet traffic and masking your IP address for enhanced privacy and security when browsing or using apps.

5.2. Security Updates

Your Pixel 8 is guaranteed to receive 7 years of security updates, ensuring your device remains secure against evolving threats over time. These updates provide critical patches and improvements to the operating system.

5.3. Personal Safety Features

The Pixel 8 includes features for added peace of mind:

- **Car Crash Detection:** Automatically detects severe car crashes and can call 911 and share your location with emergency contacts.

- **Emergency Location Service (ELS):** Provides more accurate location data to emergency responders when you call or text an emergency number.

Security you can depend on.

VPN by Google One helps protect your online activity[9]

With 7 years of security updates, your Pixel gets even more secure over time[17]

Titan M2 security chip keeps your personal info safe

Figure 5.1: The Pixel 8 offers robust security with VPN by Google One, 7 years of security updates, and the Titan M2 security chip to keep personal information safe.

Pixel 8

"2023 Phone of the Year"

– MKBHD, December 19, 2023

Figure 5.2: The Pixel 8's personal safety features include car crash detection and Emergency Location Service for added peace of mind in critical situations.

6. BATTERY AND PERFORMANCE

The Pixel 8 is equipped with a 4575 mAh Lithium Ion battery, designed to provide over 24 hours of usage on a single charge. With Extreme Battery Saver mode activated, the battery life can extend up to 72 hours. The device also supports faster charging speeds.

6.1. Google Tensor G3 Chip

The new Google Tensor G3 chip is custom-designed to deliver next-level performance, enabling cutting-edge photo and video features and smarter ways to assist you. This processor enhances the overall speed and efficiency of the device.

Next-level performance from Google Tensor G3.

The new Google Tensor G3 chip is built with Google AI for cutting-edge photo and video features and smarter ways to help.[1]

Figure 6.1: The Google Tensor G3 chip, the core of Pixel 8's advanced performance and AI capabilities.

6.2. Wireless Charging

The Pixel 8 supports wireless charging, offering a convenient way to power up your device without the need for cables. Place the phone on a compatible wireless charging pad to begin charging.

7. MAINTENANCE AND CARE

7.1. Cleaning Your Device

To clean your Pixel 8, use a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water. Avoid using abrasive cleaners, solvents, or aerosol sprays, as these can damage the screen and finish. Do not submerge the device in water.

7.2. Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. You can check for updates in Settings > System > System update.

7.3. Storage Management

To optimize performance, periodically manage your device's storage. Delete unnecessary files, clear app caches, and offload large media files to cloud storage or a computer. The Pixel 8 comes with 128 GB of internal storage.

8. TROUBLESHOOTING COMMON ISSUES

8.1. Device Unresponsive

If your Pixel 8 becomes unresponsive, press and hold the Power button for about 30 seconds until the device restarts. If this does not resolve the issue, ensure the battery is charged.

8.2. Network Connectivity Issues

For Wi-Fi or cellular network problems, try the following:

- Toggle Wi-Fi or Mobile Data off and on.
- Restart your device.
- Reset network settings (Settings > System > Reset options > Reset Wi-Fi, mobile & Bluetooth).
- Ensure your SIM card is properly inserted.

8.3. Battery Draining Quickly

If your battery drains faster than expected, check battery usage in Settings > Battery > Battery usage to identify apps consuming significant power. Reduce screen brightness, disable unnecessary features like Bluetooth or GPS when not in use, and enable Extreme Battery Saver if needed.

8.4. Factory Reset

As a last resort for persistent issues, you may perform a factory reset. This will erase all data on your phone, so ensure you back up important information first. Go to Settings > System > Reset options > Erase all data (factory reset).

9. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Google
Model Name	Pixel 8
Item Model Number	G9BQD
Operating System	Android 13.0 (upgradable)
RAM	8 GB
Memory Storage Capacity	128 GB
Screen Size	6.2 Inches
Resolution	1080 x 2400 pixels
Refresh Rate	120 Hz
Battery Capacity	4575 mAh Lithium Ion (included)
Phone Talk Time	24 Hours
Wireless Communication Technologies	Cellular (5G)
Connectivity Technologies	Bluetooth, Wi-Fi, NFC
Special Features	Dual SIM, Wireless Charging, GPS

Feature	Detail
Product Dimensions	5.92 x 2.79 x 0.35 inches
Item Weight	6.6 ounces
Color	Rose
What's in the Box	SIM Tray Ejector, Quick Switch Adapter, USB Cable

10. WARRANTY AND SUPPORT

The Google Pixel 8 comes with a manufacturer's warranty. For detailed warranty information and terms, please refer to the documentation included with your device or visit the official Google support website. Google provides 7 years of OS updates for the Pixel 8, ensuring long-term software support.

10.1. Protection Plans

Additional protection plans may be available for purchase, such as 2-Year Protection Plans or Complete Protect plans. These plans offer extended coverage beyond the standard manufacturer's warranty. Please check with your retailer or service provider for availability and details.

10.2. Online Support

For further assistance, FAQs, and troubleshooting guides, visit the official Google Store support page:Google Store.

Related Documents - G9BQD

Google Pixel Phones on Android 13 Administrator Guidance Documentation Version 1.5 1/2/2023	**Google Pixel Phones Android 13 Administrator Guidance** Administrator guide for Google Pixel phones on Android 13, detailing Common Criteria configuration, security features, device management, VPN, Wi-Fi, and API specifications for enterprise deployment.
FAQ's	**Google Pixel 8 Pro FAQ** Frequently asked questions about the Google Pixel 8 Pro, covering topics like unlocked phones, eSIM, 5G compatibility, data transfer, and setup.
Troubleshooting steps.	**Google Pixel Phone Troubleshooting and Fingerprint Setup Guide** Comprehensive guide to troubleshooting common issues on Google Pixel phones, including charging, screen problems, sound distortion, and Bluetooth connectivity. Also covers setting up fingerprint unlock.

IFIXIT

Google Pixel Motherboard Replacement

Replace the motherboard of a Google Pixel phone.

Written By: Camaryn Chambers

[Google Pixel Motherboard Replacement Guide](#)

Detailed instructions for replacing the motherboard in a Google Pixel smartphone, including required tools and parts, and step-by-step disassembly and reassembly procedures.

MANUEL

**GOOGLE
Pixel A9**

E-NOTICE D'UTILISATION

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[Google Pixel A9 User Manual](#)

Official user manual and e-notice for the Google Pixel A9 smartphone, providing setup and usage information.

Pixel 6
Repair Manual
Version 2

[Google Pixel 6 Repair Manual v2 - Official Service Guide](#)

This official Google Pixel 6 Repair Manual (Version 2) provides comprehensive instructions, safety guidelines, troubleshooting steps, and a parts list for repairing the Google Pixel 6 smartphone. It is designed for users seeking to maintain or repair their device.