Google GE2AE

Google Pixel 7 Pro User Manual

Model: GE2AE | Brand: Google

INTRODUCTION

Welcome to the user manual for your Google Pixel 7 Pro. This guide provides essential information on setting up, operating, maintaining, and troubleshooting your device. The Pixel 7 Pro is Google's best-of-everything phone, powered by the Google Tensor G2 chip, offering fast, secure, and efficient performance. It features an immersive display, exceptional battery life, and an advanced camera system with telephoto and wide-angle lenses, along with professional-level features.

WHAT'S IN THE BOX

Your Google Pixel 7 Pro package includes the following items:

- Cell Phone
- USB-C to USB-C Cable
- SIM Tool
- Quick Switch Adapter
- Quick Start Guide

Pick your Pixel.

		Pixel 7 Pro	**Pixel 7**
	Display	6.7" QHD+ LTPO Smooth Display,[4] up to 120Hz	6.3" FHD+ Smooth Display,[4] up to 90Hz
	Camera	48 MP telephoto lens 50 MP wide lens 12 MP ultrawide lens[9] 10.8 MP front camera	— 50 MP wide lens 12 MP ultrawide lens[9] 10.8 MP front camera
	Camera features	Macro Focus Super Res Zoom[5] up to 30x	— Super Res Zoom[5] up to 8x
GB	**Memory and storage**	12 GB RAM 512 / 256 / 128 GB storage[12]	8 GB RAM 256 / 128 GB storage[12]

The fast, secure, and helpful Pixel phones.

G2 Google Tensor G2

Magic Eraser[13] Face Unblur[14] Real Tone

G Titan M2 security

Live Translate[11]

Image: Contents of the Google Pixel 7 Pro box, showing the phone, USB-C to USB-C cable, SIM tool, and Quick Switch Adapter.

Video: An unboxing and first review of the Google Pixel 7 Pro, detailing the contents of the retail box.

PHYSICAL OVERVIEW

The Google Pixel 7 Pro features a refined design with a polished aluminum frame and Gorilla Glass Victus for durability.

Image: Front and back view of the Google Pixel 7 Pro in Obsidian, showcasing its sleek design.

Display

The device features a 6.7-inch QHD+ LTPO OLED display with a resolution of 1440 x 3120 pixels (512 ppi). It supports a refresh rate of up to 120Hz for smooth scrolling and responsiveness. The display is protected by Corning Gorilla Glass Victus.

The most advanced camera of any Pixel.

50 MP wide lens

5x telephoto lens with up to 30x Super Res Zoom[5]

12 MP ultrawide lens with autofocus[9]
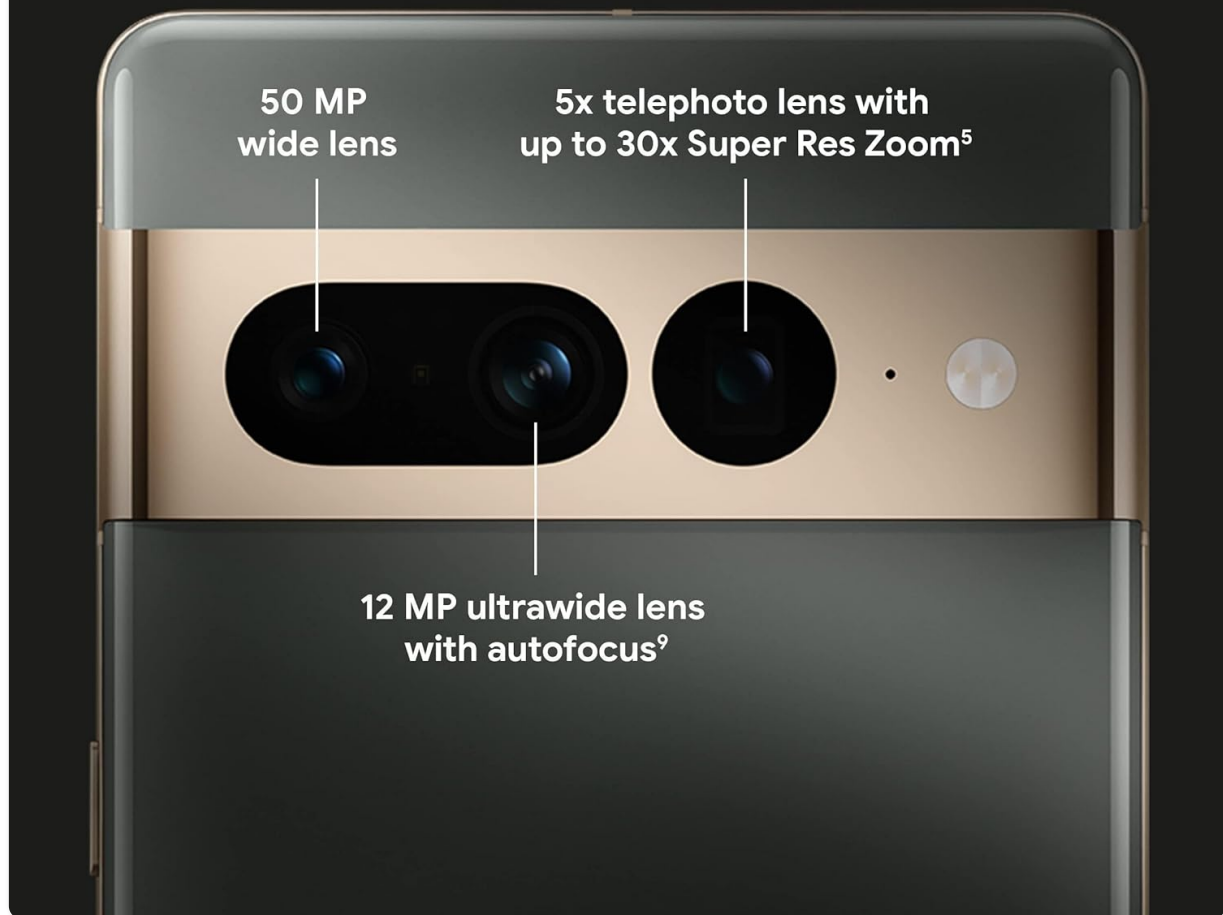
Image: Close-up of the Pixel 7 Pro's front display, highlighting the curved edges and punch-hole camera.

Buttons and Ports

On the right side of the phone, you will find the volume control buttons and the power button. The left side houses the SIM tray. The bottom edge features a USB-C port for charging and data transfer, along with speaker grilles.

Video: A detailed physical overview of the Google Pixel 7 Pro, showing its sides, ports, and camera bar.

Camera Bar

The distinctive camera bar on the back of the phone is made of polished aluminum, housing the advanced triple-camera system.

Macro Focus finds beauty in the details.

Capture the smallest details with Macro Focus, powered by Pixel's upgraded ultrawide lens.

Image: Close-up of the Pixel 7 Pro's camera bar, showcasing the three lenses and flash.

SETUP

Upon first power-on, follow the on-screen instructions to set up your Google Pixel 7 Pro. This includes connecting to Wi-Fi, signing into your Google account, and transferring data from a previous device if needed using the Quick Switch Adapter.

System Navigation

You can customize your phone's navigation preferences. Go to **Settings** > **System** > **Gestures** > **System navigation**. Here, you can choose between gesture navigation (swiping) or 3-button navigation (traditional on-screen buttons).

Video: A demonstration of various tips and tricks for the Google Pixel 7 Pro, including system navigation customization.

OPERATING THE DEVICE

Camera Features

The Pixel 7 Pro features a powerful triple-camera system:

- **50MP Main Sensor:** f/1.85 aperture, 1/1.3" sensor size, 82° Field of View (FoV).
- **12MP Ultrawide Lens:** f/2.2 aperture, 1/2.9" sensor size, auto-focus, 125° FoV.
- **48MP Telephoto Lens:** f/3.5 aperture, 1/2.55" sensor size, 4.8x optical zoom, with 30x Super Res Zoom.
- **10.8MP Front-Facing Camera:** f/2.2 aperture, 1/3.1" sensor size, 93° FoV.
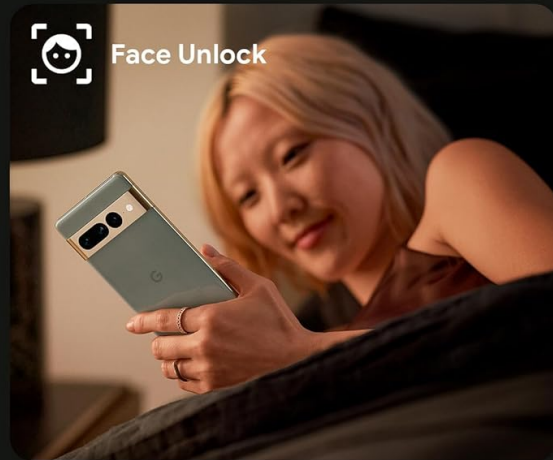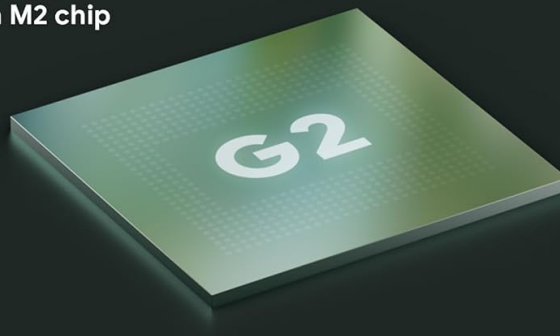
Image: The camera bar detailing the 50MP wide lens, 12MP ultrawide lens with autofocus, and 5x telephoto lens with up to 30x Super Res Zoom.

Key camera features include:

- **Macro Focus:** Powered by the upgraded ultrawide lens, it captures the smallest details.
- **Cinematic Blur:** Keeps your subject in focus while blurring the background for a dramatic effect in videos.
- **Super Res Zoom:** Achieves crisp details from far away with up to 30x zoom.
- **Magic Eraser:** (Requires Google Photos app) Helps remove unwanted objects from your photos.
- **Photo Unblur:** Helps unblur faces in photos.

It's everything a battery should be.

The Adaptive Battery can last over 24 hours[3]

With Extreme Battery Saver, it can last up to 72 hours[3]

Image: Macro Focus capturing the intricate details of a pink flower with water droplets.

Switch over, don't start over.

Whether you're switching from Android or iOS, it's easy to transfer apps, photos, messages, and contacts in a few steps.[10]

Image: Cinematic Blur keeping the subject in sharp focus while blurring the background for a dramatic video effect.

A world of help.
Built around you.

Seamlessly connect Pixel devices with each other[7]

Locate your misplaced Pixel phone, Pixel Buds, or Google Pixel Watch[7]

Control your connected home from almost anywhere[15]

Image: Super Res Zoom capturing crisp details from far away, with examples at 0.5x, 8x, and 30x zoom levels.

Battery and Performance

The Pixel 7 Pro is powered by the Google Tensor G2 chip, offering faster, more efficient, and more secure performance. It comes with 12GB of RAM and storage options of 128GB, 256GB, or 512GB.
The Adaptive Battery can last over 24 hours, and with Extreme Battery Saver turned on, it can last up to 72 hours.
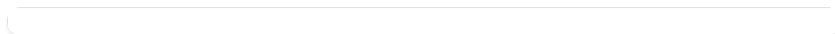
Image: The Adaptive Battery of the Pixel 7 Pro can last over 24 hours, and up to 72 hours with Extreme Battery Saver.

Security and Privacy

Equipped with the Google Tensor G2 and Titan M2 security chip, your Pixel is built with multiple layers of security to help keep your personal info safe. It also features Face Unlock for convenient and secure access.
VPN by Google One (coming soon) is built into Pixel 7 Pro to help protect your online activity, no matter what app or web browser you use. Note: Some data is not transmitted through VPN. Not available in all countries. Use of VPN may increase data costs depending on your plan.
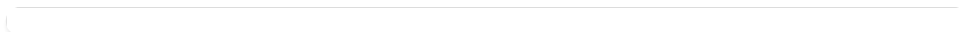
Image: Layers of protection to keep your personal info safe, featuring the Google Tensor G2 and Titan M2 chip, Built-in VPN by Google One, and Face Unlock.

Connectivity

The Pixel 7 Pro is an unlocked Android 5G phone, offering flexibility to change carriers. It works with Google Fi, Verizon, T-Mobile, AT&T, and other major carriers. It supports 5G connectivity, Wi-Fi, Bluetooth, and NFC.

You can seamlessly connect Pixel devices with each other, locate your misplaced Pixel phone, Pixel Buds, or Google Pixel Watch, and control your connected home from almost anywhere.

What's in the box.

SIM tool

Quick Switch Adapter

1 m USB-C® to USB-C® cable (USB 2.0)

Quick Start Guide (not shown)

USB-C® is a trademark of USB Implementers Forum.

Image: A world of help built around you, illustrating seamless connection with Pixel devices, locating misplaced devices, and controlling a connected home.

Accessibility Features

The Pixel 7 Pro includes several accessibility features:

- **Live Translate:** Interpret face-to-face conversations in 48 languages, chat in real-time, and translate menus with the camera.
- **Now Playing:** Automatically identifies songs playing nearby and shows the name and artist on your lock screen. It also keeps a history of identified songs.

Bring more drama to video with Cinematic Blur.

Keeps your subject in focus

Blurs the background for a dramatic effect

Image: Live Translate allows real-time interpretation of conversations, chat, and menu translation using the camera.

MAINTENANCE

The Google Pixel 7 Pro is designed to comply with dust and water protection rating IP68 under IEC standard 60529 when each device leaves the factory. It is also scratch-resistant with Corning Gorilla Glass Victus.

Video: A video discussing the water resistance of the Google Pixel 7 Pro.

Note: Water resistance and dust resistance are not permanent conditions and will diminish or be lost over time due to normal wear and tear, device repair, disassembly, or damage. Dropping your device may result in loss of water/dust resistance. Liquid damage voids the warranty.

TROUBLESHOOTING

Battery Saving Tips

To extend battery life, you can enable Battery Saver or Extreme Battery Saver in **Settings** > **Battery**. Extreme Battery Saver pauses most apps and notifications to conserve power. You can also select essential apps that should not be paused.

Screen Resolution Adjustment

You can adjust the screen resolution in**Settings** > **Display** > **Screen resolution**. Choose between High resolution (1080p FHD+) or Full resolution (1440p QHD+). Full resolution uses more battery and switching resolutions may cause some apps to restart.

SPECIFICATIONS

Feature	Detail
Brand	Google
Model Name	Pixel 7 Pro
Operating System	Android 13.0
Screen Size	6.7 Inches
Resolution	3840 x 2160
Refresh Rate	120 Hz
RAM	12 GB
Memory Storage Capacity	128 GB (available in 256GB, 512GB variants)
Battery Power Rating	4926 mAh
Phone Talk Time	24 Hours
Connectivity Technologies	Bluetooth, Wi-Fi, NFC, 5G
Special Features	Water resistant (IP68)
Item Weight	7.4 ounces
Product Dimensions	6.42 x 3.02 x 0.34 inches

WARRANTY AND SUPPORT

The device is designed to comply with IP68 water protection standards when new. However, water resistance is not a permanent condition and may diminish over time. Liquid damage is not covered under warranty. For detailed warranty information and support, please refer to the Quick Start Guide included in your product box or visit the official Google support website.

Related Documents - GE2AE

[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.

[Google Pixel GE2AE/GFE4J Regulatory Information and Compliance Guide](#)

Comprehensive regulatory compliance details for Google Pixel phones (models GE2AE, GFE4J), covering FCC, HAC, RF exposure, wireless charging, and EMC standards.

[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.

[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.

[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.

[Google Pixel A9 User Manual](#)

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