

Google Pixel 8

A better way to work



High-level overview

Engineered by Google, the Pixel 8 raises the bar with noteworthy features to better equip your business. Pixel is the only phone that combines Google Tensor, Android Enterprise compatibility, and AI. This trio gives Pixel devices the advanced security, productivity, and assistance your team needs.

Supercharge your team's productivity

Google AI, powerful and personalized

The Google Tensor G3 is Pixel's most powerful chip yet and is custom-designed with Google AI. Pixel utilizes AI that caters to your business and its existing workflows. Pixel shows you how AI technology can benefit your business in real life. Other phones have added AI features, but Pixel is the only phone with both businesses and AI at the center.

Team up with Google Assistant

No matter if you're reading or writing important emails and documents, Google Assistant can help you save time. Google Assistant can summarize documents, read aloud, translate,¹ and even write emails twice as fast with your voice.²

Convert notes into emails

Google Workspace has infused AI into Gmail. With the enhanced knowledge and tools provided by AI technology your team can find ways to improve their processes. With Duet AI for Gmail, transform a few bullets from your last team meeting into a polished email to share with everyone.

Translate languages in real time

With Live Translate, Pixel can break down that price barrier of translation tools and help you and your team interpret face-to-face conversations in 49 languages, transcribe messages back and forth as you chat, and translate documents with the camera.³

The super dependable all-day battery

Your team needs a device that lasts as long as their work day does. Pixel's Adaptive Battery can last over 24 hours.⁴ Turn on Extreme Battery Saver, and it can last up to 72 hours for power when you need it most.⁴ And your Pixel all-day battery charges faster than ever.^{5,6}

Protect your data at all costs

Security and privacy, made simple

Cybersecurity can be a differentiator in supporting organizations to drive better business outcomes.⁷ Pixel can keep your businesses data safe from cybersecurity threats with cybersecurity features such as Passkeys – an easier, more secure way to sign into apps and websites that is resistant to phishing and data breaches.

Keep phones secure and up to speed

With the new Pixel 8, your business will receive the latest OS and security updates for 7 years, plus new and upgraded features every few months with Feature Drops.⁸

Security you can depend on

Pixel is the highest rated for security among top competitors.⁹ With Google Tensor G3 and the certified Titan M2 security chip, Pixel is built with multiple layers of security to help keep your personal info safe.¹⁰

More information

<https://pixel.google/business/>

Tech specs

Display and Dimensions

- Full-screen 6.2-inch (157 mm)¹¹ Smooth Display (60-120 Hz¹²)
- Actual display (1080 x 2400) OLED at 428 PPI, 20:9 aspect ratio
- Corning® Gorilla® Glass Victus® cover glass
- Always-on display with At a Glance and Now Playing
- Up to 1400 nits (HDR) and up to 2000 nits (peak brightness)¹³
- >1,000,000:1 contrast ratio
- HDR support
- Full 24-bit depth for 16 million colors

Security and Authentication

- VPN by Google One at no extra cost²¹
- End-to-end security designed by Google
- 7 years of OS, security, and Feature Drop Updates²²
- Anti-malware and anti-phishing protection, including support for passkeys
- Automatic security checks and privacy controls with Safety Center
- Fingerprint Unlock with under-display fingerprint sensor
- Face Unlock, Pattern, Pin, password

Memory and Storage

- 8 GB LPDDR5X RAM
- 128 GB / 256 GB UFS 3.1 storage¹⁴

Processor

- Google Tensor G3
- Titan M2 security coprocessor

Battery and Charging

- Beyond 24-hour battery life¹⁵; up to 72-hour battery life with Extreme Battery Saver¹⁵
- Battery minimum 4485 mAh, typical 4575 mAh¹⁶
- Fast charging¹⁶— up to 50% charge in about 30 minutes¹⁷— using Google 30W USB-C® Charger with USB-PD 3.0 (PPS) sold separately
- Qi-certified
- Fast wireless charging¹⁸
- Battery Share¹⁹

Camera

- Rear Camera: 50 MP Octa PD wide camera, 1.2 μm pixel width, *f*/1.68 aperture, Super Res Zoom up to 8x¹⁹, 12MP ultrawide camera with autofocus¹⁹
- Front Camera: 10.5 MP Dual PD selfie camera, 1.22 μm pixel width, *f*/2.2 aperture, Fixed focus
- Features include: Ultra HDR, Magic Editor²³, Best Take²⁴, Macro Focus, Magic Eraser²⁴, Photo Unblur²⁴, Motion Mode, Real Tone, Face Unblur, Panorama

Video

- Rear camera: 4K video recording at 24 FPS, 30 FPS, 60 FPS; 1080p video recording at 24 FPS, 30 FPS, 60 FPS
- Dual Exposure on wide camera²⁰
- Front camera: 4K video recording at 24 FPS, 30 FPS, 60 FPS
- Features Include: Slo-mo video support up to 240 FPS, 4K timelapse with stabilization, 10-bit HDR video, Cinematic Blur, Cinematic Pan, Digital zoom up to 7X²⁰

Sensors

- Proximity sensor
- Ambient light sensor
- Accelerometer
- Gyrometer
- Magnetometer
- Barometer

Media and Audio

- Stereo speakers
- 3 microphones
- Noise suppression

Connectivity and Location

- Wi-Fi 7 (802.11be) with 2.4GHz+5GHz+6GHz, 2x2 + 2x2 MIMO
- Bluetooth® v5.3 with dual antennas for enhanced quality and connection

1. Not available in all languages or countries. See [g.co/pixel/googleassistant] for details.

2. Based on tap and voice typing in English. Voice typing is not available in all languages or countries.

3. Not available in all languages or countries. Not available on all media or apps. See g.co/pixel/livetranslate for more information. Translation may not be instantaneous.

4. For "over 24 hours": Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk, data, standby, and use of other features. Average battery life during testing was approximately 31 hours. Battery testing conducted on a major carrier network. For "Up to 72 hours": Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk, data, standby, and use of limited other features that are default in Extreme Battery Saver mode (which disables various features including 5G connectivity). Battery testing conducted on a major carrier network. For both claims: Battery testing conducted in California in mid 2023 on pre-production hardware and software using default settings, except that, for the "up to 72 hours" claim only, Extreme Battery Saver mode was enabled. Battery life depends upon many factors and usage of certain features will decrease battery life. Actual battery life may be lower.

5. Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk, data, standby, and use of other features. Average battery life during testing was approximately 31 hours. Battery testing conducted on a major carrier network. Battery testing conducted in California in mid 2023 on pre-production hardware and software using default settings. Battery life depends upon many factors and usage of certain features will decrease battery life. Actual battery life may be lower.

6. Compared to earlier Pixel phones. Fast wired charging rates (up to 27W on Pixel 8 and up to 30W on Pixel 8 Pro) are based upon use of the Google 30W USB-C® Charger plugged into a wall outlet. Actual results may be slower. Adapters sold separately.

7. Based on third-party research by Accenture [link to research]

8. Pixel updates for 7 years from when the device first became available on the Google Store in the US. See g.co/pixel/updates for details.

9. Based on third-party global research firm. Evaluation considered features that may not be available in all countries. See goo.gle/mobilesecurity2022 for more information.

10. Common Criteria certification for hardware and cryptographic library (CC PPO084 EAL4+, AVA_VAN.5 and ALC_DVS.2). See g.co/pixel/certifications for details.

11. Screen has rounded corners. When measured diagonally as a rectangle, screen is 6.2 inches (for Pixel 8) and 6.7 inches (for Pixel 8 Pro). Actual viewable area is less. Dimension may vary by configuration and manufacturing process.

12. Not available for all apps or content.

13. HDR brightness measured at 100% on-pixel ratio. Peak brightness measured at 5% on-pixel ratio.

14. Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.

15. For "24-hour": Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk, data, standby, and use of other features. Average battery life during testing was approximately 31 hours. Battery testing conducted on a major carrier network. For "Up to 72 hours": Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk, data, standby, and use of limited other features that are default in Extreme Battery Saver mode (which disables various features including 5G connectivity). Battery testing conducted on a major carrier network. For both claims: Battery testing conducted in California in mid 2023 on pre-production hardware and software using default settings, except that, for the "up to 72-hour" claim only, Extreme Battery Saver mode was enabled. Battery life depends upon many factors and usage of certain features will decrease battery life. Actual battery life may be lower.

16. Estimate of typical capacity based upon testing and expected cell behavior.

17. Fast wired charging rates (up to 27W on Pixel 8 and up to 30W on Pixel 8 Pro) are based upon use of the Google 30W USB-C® Charger plugged into a wall outlet. Actual results may be slower. Adapters sold separately. Charging speed based upon testing with device batteries drained to 1% and charged with Google 30W USB-C® Charger. Charging testing conducted by Google in mid-2023 on pre-production hardware and software using default settings with the device powered on. Charging speed depends upon many factors including usage during charging, battery age, and ambient temperature. Actual charging speed may be slower.

18. Wireless charging rates up to 18W (Pixel 8) and up to 23W (Pixel 8 Pro) charging with Google Pixel Stand (2nd gen) (sold separately). Up to 12W with Qi-certified EPP chargers (sold separately). Actual results may be slower.

19. Designed to charge Qi-certified devices. Use of reverse wireless charging significantly reduces Pixel battery life. Cases may interfere with charging and will reduce charging speed. Charge speeds may vary. See g.co/pixel/wirelesscharging for more information.

20. Not available for all camera apps or modes.

21. Restrictions apply. Some data is not transmitted through VPN. Not available in all countries. All other Google One membership benefits sold separately. This VPN offer does not impact price or benefits of Google One plans. Use of VPN may increase data costs depending on your plan. See g.co/pixel/vpn for details.

22. Android security updates for 7 years from when the device first became available on the Google Store in the US. See g.co/pixel/updates for details.

23. Requires Google Photos app. Magic Editor coming soon.

24. Requires Google Photos app. May not work on all image elements.