

Google Pixel 8a

An affordable way to work

High-level overview

The only phone engineered by Google, the Pixel 8a is an affordable device built with your business in mind. Pixel is a phone with both businesses and AI at the center, providing you with the productivity, security, and support your business needs. The Pixel 8a has the premium features and technology that let you and your team do more without breaking the bank.



AI that caters to your business and its existing workflows.

Big tasks? Google AI can handle it.

Chat with Gemini to supercharge your ideas. Google AI is also embedded into our other Google products, including Google Workspace and Recorder¹ allowing you and your team to summarize meetings and send follow-up emails in an instant. Just use the Recorder app to record your meeting and then chat with Gemini to help draft, format, and edit notes into a professional follow-up email.^{1,2}

Help making calls. And avoiding them.

AI built for your business. Pixel caters to your business with features like Pixel Call Assist³ and Gemini.⁴ Pixel Call Assist helps prevent your team from wasting their workday, with Call Screen, Hold for Me, and more.³ Use Google Workspace to save time on day-to-day tasks like summarizing emails or business reports in Google Docs.²

Search documents and enhance images in an instant.

With Google AI on the Pixel 8a, you and your team can not only enhance photos but also search everything needed in your day-to-day. When you are reviewing materials from customers or your business partners on your Pixel 8a device, you can analyze components using Circle to Search.⁵ Just quickly circle the image, text, or video right from the app you are in, and Google AI will find it fast.⁵

Premium performance at an affordable price.

Google's budget-friendly smartphone.

Pixel 8a delivers premium features like the ability to chat with Gemini, take amazing photos and videos, and a 24hr Adaptive Battery⁶ that you can rely on, all at an affordable price.

A device as resilient as your team.

With your new Pixel 8a, you'll receive the latest OS and security updates for 7 years, plus new and upgraded features every few months with Feature Drops.⁷ Help your business save time and money by investing in a phone that lasts.

Security built in all at an affordable price.

Pixel 8a comes with Google Tensor G3, Pixel's most powerful chip yet. It's custom-designed with Google AI for smarter ways to help throughout the day.⁸ With the custom-built Google Tensor G3 processor and the certified Titan M2 security chip, the Pixel 8a is the affordable smartphone built to help keep your business's data safe.⁹

More information

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

Tech specs

Display and Dimensions

- 6.1-inch Actua display¹⁰, 20:9 aspect ratio
- 1080x2400 OLED at 430 PPI
- Smooth Display¹¹ (up to 120Hz)
- Corning® Gorilla® Glass™ 3 cover glass
- Always-on display with At a Glance and Now Playing
- Up to 1400 nits (HDR) and up to 2000 nits (peak brightness)¹²
- >1,000,000:1 contrast ratio
- HDR support
- Full 24-bit depth for 16 million colors
- 6.0 height x 2.9 width x 0.4 depth (inches)

Security and Authentication

- VPN by Google One at no extra cost¹⁷
- End-to-end security designed by Google
- Multi-layer hardware security: Tensor security core, Titan M2™ security chip, and Trusty (Trusted Execution Environment)
- 7 years of OS, security, and Feature Drop Updates¹⁸
- Anti-malware and anti-phishing protection, including support for passkeys
- Automatic security checks and privacy controls with Security and Privacy hub
- Camera and mic toggles
- Private Compute Core
- Android System Intelligence
- Android Messages end-to-end encryption and Android backup encryption
- 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 storage¹³

Processor

- Google Tensor G3
- Titan M2 security coprocessor

Battery and Charging

- 24+ hour battery life⁶
- Up to 72-hour battery life with Extreme Battery Saver⁶
- Typical 4492 mAh¹⁴ (Minimum 4404 mAh)
- Fast charging¹⁵
- Wireless charging (Qi-certified)

Sensors

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

Video

- Rear camera: 4K video recording at 30 FPS, 60 FPS; 1080p video recording at 30 FPS, 60 FPS
- Front camera: 4K video recording at 30 FPS, 1080p video recording at 30 FPS
- Features Include: Slo-mo video support up to 240 FPS, 4K timelapse with stabilization, Astrophotography timelapse, Optical image stabilization, Fused Video stabilization, 4k Cinematic Pan video stabilization, 4K locked video stabilization, 1080p active video stabilization, Digital zoom up to 5x¹⁶

Camera

- Rear Camera: 64 MP Quad PD wide camera, 0.8 μm pixel width, *f*/1.89 aperture, 80° field of view¹⁹, 1/1.73" image sensor size, Super Res Zoom up to 8x²⁰
- 13 MP ultrawide camera with autofocus¹⁹, 1.12 μm pixel width, *f*/2.2 aperture, 120° field of view¹⁹, Lens correction
- Front Camera: 13 MP, 1.12 μm pixel width, *f*/2.2 aperture, Fixed focus, 96.5° ultrawide field of view¹⁹
- Features include: Magic Editor²¹, Best Take²¹, Magic Eraser²¹, Photo Unblur²¹, Real Tone, Face Unblur²¹, Live HDR+, Ultra HDR

Media and Audio

- Stereo speakers
- 2 microphones
- Noise suppression

Connectivity and Location

- [US (PR), CA, UK, EU, AU, JP, TW, SG] Wi-Fi 6E (802.11ax) with 2.4GHz+5GHz+6GHz, HE80, MIMO
- Bluetooth® v5.3, Bluetooth Diversity

1. Available only in English.
2. Features may differ depending on subscription and results may vary. Google Workspace extension must be enabled. Availability varies by country. See [g.co/gemini/availability](#) for details. Actual response times, results and availability may vary.
3. Not available in all countries or languages. See [g.co/ai/features](#) for details.
4. Gemini mobile app is available in select languages and countries. Internet connection required. Actual response times, results and availability may vary.
5. Requires internet connection and compatible apps and surfaces. Results may vary depending on visual matches.
6. 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 at least 31 hours. 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). For both claims: Battery testing conducted on a major U.S. carrier network in California in late 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. Tests began with phones fully charged. Battery life depends upon many factors and usage of certain features will decrease battery life. Actual battery life may be lower.
7. Pixel updates for 7 years from when the device first became available on the Google Store in the US. See [g.co/pxl/updates](#) for details.
8. Compared to earlier Pixel phones.
9. Common Criteria certification for hardware and cryptographic library. See [g.co/pxl/certifications](#) for details.
10. Screens has rounded corners. When measured diagonally as a rectangle, screen is 6.1 inches. Actual viewable area is less. Dimension may vary by configuration and manufacturing process.
11. Not available for all apps or content.
12. HDR brightness measured at 100% on-pixel ratio. Peak brightness measured at 5% on-pixel ratio.
13. Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.
14. Estimate of typical capacity based upon testing and expected cell behavior.
15. Up to 18 watts (wired charging). Based upon use of the Google 30W USB-C® Charger plugged into a wall outlet. Actual results may be slower. Adapters sold separately.
16. Not available for all camera apps or modes.
17. 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. See [g.co/pxl/vpn](#) for details.
18. Updates for 7 years from when the device first became available on the Google Store in the US. See [g.co/pxl/updates](#) for details.
19. Maximum resolution and field of view not available for all camera apps or modes.
20. Not available for all camera apps or modes.
21. Requires Google Photos app. Photo feature may not work on all image elements.