

Google Pixel 7a Smartphone



# Google Pixel 7a Smartphone User Guide

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## High-level overview

Engineered by Google, the all-new Pixel 7a is the business-ready smartphone that is priced right for your business' budget. The Pixel 7a provides Google's top of the line productivity and security features. The Pixel 7a provides your business with the tools it needs to make an impact without breaking the bank.

Everything you need to run your business in an affordable package Google's affordable smartphone for your business Starting at just \$499, our most durable A-Series yet, the Pixel 7a delivers premium features like a top-of-the-line camera, all-day battery<sup>1</sup>, high res display, and 5G<sup>2</sup> at a budget-friendly price. All of this and more is built on the flexible Google-designed Android 13 operating system. Reimagine productivity with Google AI Engineered by Google, the Tensor G2 chip makes Pixel 7a faster, more efficient, and more secure.<sup>3</sup> It's the same chip that's in the Pixel 7 and Pixel 7 Pro, powering Google's AI. Extend your team's capabilities with advanced features like Live Translate to foster global collaboration<sup>4</sup>, Assistant Voice Typing to take notes on the spot<sup>5</sup> and Google Assistant to tackle everything on your to-do list.

Use Google to build a connected set of business tools Pixel 7a works seamlessly with other cutting-edge Google devices and accessories, like our Google Pixel Watch, Chromebook, and Pixel Buds.<sup>7</sup> Like your Pixel 7a, these devices come equipped with powerful AI-led capabilities to give your business a fully-integrated experience. Your Pixel will just keep getting better Your Pixel comes with Feature Drops – software updates with new and improved features.<sup>8</sup> They help your Pixel get even better over time.

## Next Generation Threat Protection

Safeguard your business with the highest-rated security features Pixel is the highest rated for security features.<sup>9</sup> With Google Tensor G2 and the certified Titan M2™ security chip, Pixel is built with multiple layers of security to help keep your business's data safe.<sup>10</sup> Side step threats and scams with Pixel protection Pixel 7a comes with powerful features to protect your business.

Help keep data in the right hands with Face Unlock and Fingerprint Unlock. Pixel also comes with Call Screen to help your team avoid unwanted calls. Call Screen uses Google Assistant to detect and filter out spam calls, so they don't interrupt you.<sup>11</sup> If it's not a spammer, Pixel can tell you who's calling and why. Security updates made seamless To protect you and your sensitive data, Pixel comes with at least 5 years of security updates.<sup>12</sup> So your Pixel stays protected and gets even more secure over time.

### More information

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

### Tech specs

<p><b>Display and Dimensions</b></p> <ul style="list-style-type: none"> <li>● Full-screen 6.1-inch (155 mm)<sup>13</sup> Smooth Display<sup>14</sup> (up to 90 HZ)</li> <li>● FHD+ (1080×2400) OLED at 429 PPI, 20:9 aspect ratio</li> <li>● Corning® Gorilla® Glass 3™ cover glass</li> <li>● Always-on display with At a Glance and Now Playing</li> <li>● High brightness mode</li> <li>● &gt;1,000,000:1 contrast ratio</li> <li>● Full 24-bit depth for 16 million colors</li> </ul>	<p><b>Security and Authentication</b></p> <ul style="list-style-type: none"> <li>● Minimum 5 years of security updates<sup>17</sup></li> <li>● Anti-phishing and anti-malware protection</li> <li>● Automatic security checks and privacy controls with security and privacy settings</li> <li>● Android Messages end-to-end encryption and Android backup encryption</li> <li>● Fingerprint Unlock with under-display fingerprint sensor</li> <li>● VPN by Google One at no extra cost<sup>18</sup></li> </ul>
<p><b>Battery and Charging</b></p> <ul style="list-style-type: none"> <li>● Over 24-hour battery life<sup>1</sup>; up to 72-hour battery life with Extreme Battery Saver<sup>1</sup></li> <li>● Battery minimum 4300mAh</li> <li>● Typical 4385 mAh<sup>15</sup></li> </ul>	<p><b>Processor</b></p> <ul style="list-style-type: none"> <li>● Google Tensor G2</li> <li>● Titan M2™ security coprocessor</li> </ul>
<p><b>Memory and Storage</b></p> <ul style="list-style-type: none"> <li>● 8 GB LPDDR5 RAM</li> <li>● 128 GB UFS 3.1 storage<sup>16</sup></li> </ul>	<p><b>Camera</b></p> <ul style="list-style-type: none"> <li>● Rear Camera: 64 MP Quad PD Quad Bayer wide, <i>f</i>/1.89 aperture, 13 MP ultrawide camera,<sup>19</sup> <i>f</i>/2.2 aperture,</li> <li>● Front Camera: 13MP front camera, 1.12 μm pixel width, <i>f</i>/2.2 aperture</li> <li>● Features include Photo Unblur<sup>20</sup>, Magic Eraser<sup>20</sup>, Night Sight, Long Exposure, Real Tone™, and Face Unblur<sup>21</sup></li> </ul>

<p><b>Video</b></p> <ul style="list-style-type: none"> <li>● Rear camera: 4K video recording at 30 FPS, 60 FPS; 1080p video recording at 30 FPS, 60 FPS</li> <li>● Front camera: 4K video recording at 30 FPS, 1080p video recording at 30 FPS</li> <li>● Features Include: Slo-mo video support up to 240 FPS, 4K timelapse with stabilization, 4K Cinematic Pan video stabilization, Astrophotography timelapse</li> </ul>	<p><b>Sensors</b></p> <ul style="list-style-type: none"> <li>● Proximity sensor</li> <li>● Ambient light sensor</li> <li>● Accelerometer</li> <li>● Gyrometer</li> <li>● Magnetometer</li> <li>● Barometer</li> </ul>
<p><b>Media and Audio</b></p> <ul style="list-style-type: none"> <li>● Stereo speakers</li> <li>● 2 microphones</li> <li>● Noise suppression</li> </ul>	<p><b>Connectivity and Location</b></p> <ul style="list-style-type: none"> <li>● [US (PR), CA, UK, EU, AU, JP] Wi-Fi 6E (802.11ax) with 2.4GHz+5GHz+6GHz, HE80, MIMO</li> <li>● Bluetooth® v5.3 + LE, BT Diversity</li> </ul>

1. 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.
2. For both claims: Battery testing conducted in California in late 2022 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.
3. Requires a 5G data plan (sold separately). 5G service not available on all carrier networks or in all areas. Contact carrier for details. 5G service, speed, and performance depend on many factors, including carrier network capabilities and signal strength. Actual results may vary. Some features not available in all areas. Data rates may apply. See [g.co/pixel/networkinfo](https://www.google.com/pixel/networkinfo) for info.
4. Compared to Pixel 6a. Speed claim based on internal testing on pre-production devices.
5. Not available in all languages or countries. Not available on all media or apps. See [g.co/pixel/livetranslate](https://www.google.com/pixel/livetranslate) for more information. Translation may not be instantaneous.
6. Not available in all languages or countries. See [g.co/assistant/voicetyping](https://www.google.com/assistant/voicetyping) for details.
7. Google Assistant and some related features are not available in all languages. See [g.co/assistant/languages](https://www.google.com/assistant/languages) for updates to language availability.
8. Pixel Buds, laptops, and watch sold separately.
9. Your Pixel will generally receive Feature Drops during the applicable Android update and support periods for the phone. See [g.co/pixel/updates](https://www.google.com/pixel/updates) for details. Availability of some Feature Drops may vary.
10. Based on third-party global research firm report. Evaluation considered features that may not be available in all countries. See [goo.gle/mobilesecurity2022](https://www.google.com/googleg/mobilesecurity2022) for more information.
11. Common Criteria certification for hardware and cryptographic library. See [g.co/pixel/certifications](https://www.google.com/pixel/certifications) for details.
12. US only. English only. Call Screen may not detect all robocalls and spam calls.

13. Android security updates for at least 5 years from when the device first became available on the Google Store in the US. See [g.co/pixel/updates](https://g.co/pixel/updates) for details.
14. Screen 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.
15. Not available for all apps or content
16. Estimate of typical capacity based upon testing and expected cell behavior.
17. Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.
18. Security updates for at least 5 years from when the device first became available on the Google Store in the US. See [g.co/pixel/updates](https://g.co/pixel/updates) for more information.
19. Restrictions apply. Some data is not transmitted through VPN. Not available in all countries. All other Google One membership benefits sold separately.
20. This VPN offer does not impact price or benefits of Google One plans. Use of VPN may increase data costs. See [g.co/pixel/vpn](https://g.co/pixel/vpn) for details.
21. Maximum resolution and field of view not available for all camera apps or modes.
22. Requires Google Photos app. Photo feature may not work on all image elements.
23. Deblurring may not work on all photos or videos with faces.

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## References

- [User Manual](#)