

Google Pixel 10 User Manual

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1. Welcome to Your Google Pixel 10

Thank you for choosing the Google Pixel 10 — a premium smartphone powered by the Google Tensor G5 chipset and Android 16, engineered for seamless performance, intelligent AI features, and exceptional photography. This device combines sleek design, durable construction, and cutting-edge technology to elevate your daily mobile experience. Read this manual thoroughly to unlock the full potential of your Pixel 10 and ensure safe, optimal usage.

2. Hardware Overview & Physical Specifications

2.1 Key Design & Build

- **Body:** Satin-finish metal frame, polished glass back, iconic camera bar; IP68 water and dust resistance

- **Dimensions:** 8.6mm thickness, 204g weight
- **Color Options:** Obsidian, Frost, Indigo, Lemongrass

2.2 Core Hardware Specs

- **Processor:** Google Tensor G5 (3nm manufacturing process)
- **Display:** 6.3-inch Actua OLED, 2424 x 1080 resolution, 20:9 aspect ratio, 120Hz adaptive refresh rate (60–120Hz), 3000 nits peak brightness, Corning Gorilla Glass Victus 2 protection
- **Memory:** 12GB LPDDR5 RAM
- **Storage:** 128GB / 256GB internal storage (no expandable microSD card slot)
- **Battery:** 4970mAh non-removable lithium-ion battery
- **Biometrics:** Under-display ultrasonic fingerprint sensor, facial recognition
- **Sensors:** Accelerometer, gyroscope, proximity sensor, ambient light sensor, barometer, magnetometer, spectral sensor

2.3 Physical Controls & Ports

- Side: Volume up/down keys, power lock key
 - Bottom: USB-C port (charging, data transfer, audio output), speaker grille
 - Rear: Triple camera array, Pixelsnap magnetic array, microphone
 - Front: Punch-hole front camera, earpiece speaker
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3. Initial Setup & Activation

1. **Power On:** Press and hold the power key until the Google logo appears.
2. **Language & Region:** Select your preferred language, region, and keyboard layout.
3. **Network Connection:** Connect to a Wi-Fi network or insert a Nano-SIM card for cellular data.
4. **Google Account:** Sign in with an existing Google Account or create a new one to sync data, access apps, and enable cloud services.
5. **Security Setup:** Configure fingerprint recognition, facial unlock, and a PIN/pattern/password for device protection.
6. **Feature Customization:** Enable AI features, adjust display settings, and set up default apps per your preferences.
7. **Complete Setup:** Review terms and finish activation to access the home screen.

Note: Ensure the device has sufficient battery charge during setup. Use only the certified USB-C cable and charger included with your device.

4. Display & Interface Navigation

4.1 Display Customization

- Adjust brightness, dark mode, color tone, and refresh rate via **Settings > Display**
- Enable Always-On Display to view time, notifications, and widgets without unlocking the device
- Customize notification bar and Quick Settings panel for quick access to frequently used tools

4.2 Navigation Gestures

- **Home:** Swipe up from the bottom of the screen
- **Recent Apps:** Swipe up and hold
- **Back:** Swipe left or right from the edge of the screen
- **Quick Settings:** Swipe down from the top of the screen; swipe down again for full controls

5. Camera & Video Features

5.1 Rear Camera Array

- **Wide Lens:** 48MP, f/1.7, 25mm, OIS, dual pixel PDAF
- **Telephoto Lens:** 10.8MP, f/3.1, 112mm, 5x optical zoom, OIS, up to 20x Super Res Zoom
- **Ultrawide Lens:** 13MP, f/2.2, 120° field of view

5.2 Key Camera Modes

- **Night Sight:** Capture bright, clear photos in low-light environments
- **Portrait Mode:** Create professional-looking photos with background blur
- **Best Take:** Automatically select the optimal frame from a burst of photos

- **Astrophotography:** Capture stunning night sky photos (requires tripod and low-light conditions)
- **Panorama & Macro Focus:** Shoot wide landscapes and detailed close-ups

5.3 Video Recording

- 4K video recording at 24/30/60fps, 1080p slow-motion at up to 240fps
- Cinematic Blur, Cinematic Pan, and stabilized timelapse modes
- Audio Magic Eraser to remove unwanted background noise from videos

5.4 Front Camera

High-resolution selfie camera with portrait mode, face unblur, and low-light enhancement for sharp, flattering selfies and video calls.

6. AI-Powered Functions

6.1 Magic Cue

On-device AI that scans emails, messages, notes, and calendar events to provide real-time suggestions during calls, texts, and chats — autofill relevant info, share meeting details, and surface context-aware reminders (integrated with Gmail, Google Messages, Keep Notes, and Google Calendar).

6.2 Camera Coach

Gemini-powered virtual guide that provides real-time feedback to improve composition, lighting, and framing for perfect photos every time.

6.3 Additional AI Tools

- Magic Eraser: Remove unwanted objects and distractions from photos
 - Photo Unblur: Restore clarity to blurry photos
 - Live Translate: Real-time language translation for calls, texts, and images
 - Smart Reply: Contextual message suggestions in chat apps
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7. Connectivity Options

- **Cellular:** 5G, LTE, HSPA, GSM (dual SIM dual standby support)

- **Wi-Fi:** Wi-Fi 6E (2.4GHz, 5GHz, 6GHz bands)
 - **Bluetooth:** Bluetooth 6.0 for headphones, speakers, and smart accessories
 - **NFC:** Contactless payments and device pairing
 - **USB-C:** Data transfer, charging, and external display output (DisplayPort support)
 - **Location:** GPS, GLONASS, Galileo, QZSS for accurate navigation
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8. Battery & Charging

- **Wired Charging:** 30W fast charging via USB-C PD charger (charger sold separately in select regions)
 - **Wireless Charging:** 15W Qi-certified wireless charging, compatible with Pixelsnap magnetic chargers
 - **Battery Optimization:** Adaptive Battery to extend battery life by learning usage patterns; Extreme Battery Saver mode for emergency power conservation
 - **Charging Tips:** Avoid extreme temperatures while charging; use certified charging accessories only
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9. Security & Privacy

- **Biometric Security:** Ultrasonic fingerprint unlock and facial recognition for fast, secure access
 - **Privacy Controls:** App permission management, camera/microphone indicators, and private DNS
 - **Find My Device:** Locate, ring, lock, or erase your Pixel remotely if lost or stolen
 - **Security Updates:** Regular over-the-air (OTA) security patches to protect against threats
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10. Storage & Memory

- Store photos, videos, apps, and files on internal storage; back up data to Google Drive for cloud access
- Manage storage via **Settings > Storage** to delete unused files and clear cache
- 12GB RAM ensures smooth multitasking, app switching, and gaming performance

11. Accessories & Pixelsnap Ecosystem

Pixelsnap is a built-in circular magnetic array on the rear of the device, designed for seamless alignment with compatible accessories:

- Magnetic cases, wallets, and phone mounts
- Pixelsnap wireless charging pucks and stands
- Other magnetic accessories for enhanced usability

Use only Google-certified Pixelsnap accessories to avoid damage to the device.

12. Care & Maintenance

- Clean the device with a soft, dry cloth; avoid harsh chemicals, abrasive materials, and excessive moisture
 - Protect the display from scratches and impacts with a certified screen protector and case
 - Avoid exposing the device to extreme heat, cold, or prolonged direct sunlight
 - Do not attempt to open, repair, or modify the device yourself — internal components are not user-serviceable
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13. Troubleshooting Common Issues

- **Device Won't Power On:** Charge the device for at least 30 minutes with a certified charger, then hold the power key for 10 seconds to force restart.
- **Unresponsive Screen:** Restart the device; clean the screen to remove smudges or debris.
- **Poor Battery Life:** Disable background apps, lower screen brightness, and enable Adaptive Battery.
- **Camera Issues:** Clear the camera app cache; ensure the lens is clean and unobstructed.
- **Connectivity Problems:** Toggle airplane mode on/off; reset network settings via **Settings > System > Reset**.