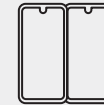


# LG G8X ThinQ™

## Dual Screen

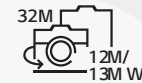


[www.lg.com/us/g8x\\_thinq-unlock](http://www.lg.com/us/g8x_thinq-unlock)



### NEXT-LEVEL MULTI-TASKING

Compatible with a Detachable Dual Screen Case<sup>1</sup>  
Stunning Phone Design  
6.4" OLED FHD+ Display 19.5:9  
(2340 x 1080)



### AMAZING PHOTOGRAPHY

Dual-Rear Cameras  
32 MP Front Camera  
with Pixel Binning



### INTUITIVE INTELLIGENCE

In-display Fingerprint Sensor  
Google Lens™



### PREMIUM AUDIO

Balanced Stereo Speakers  
DTS:X 3D Surround<sup>2</sup>  
32-bit Hi-Fi Quad DAC

<sup>1</sup> Available in-box.

<sup>2</sup> Wired headphones or speakers required.

Google Assistant

OLED FullVision<sup>+</sup>  
by LG Display

Qualcomm  
snapdragon

LG  
Life's Good

|                    | DUAL REAR CAMERAS   |                     | FRONT CAMERA        |
|--------------------|---------------------|---------------------|---------------------|
|                    | Standard Angle      | Super Wide Angle    | Standard Angle      |
| Field of View      | 78°                 | 136°                | 79°                 |
| Maximum Aperture   | f/1.8               | f/2.4               | f/1.9               |
| Sensor Size        | 1/2.55"             | 1/3.42"             | 1/2.8"              |
| Sensor Pixel Size  | 1.40 μm             | 1.00 μm             | 0.8 μm              |
| Resolution (up to) | 12 MP (4032 x 3024) | 13 MP (4160 x 3120) | 32 MP (6528 x 4896) |
| Flash              | LED                 | LED                 | Selfie-Light        |

### DUAL REAR CAMERAS

- **OIS+** – capture sharp images quickly with less blur
- **Dual PDAF** – autofocus using dual PD pixel sensor
- **Zoom** – up to 8x
- **Manual Camera/Video**<sup>1</sup> - adjust shutter speed, ISO, exposure, white balance, and more; save image as raw (DNG) and JPEG
- **Graphy 2.0**<sup>2</sup> - select reference photos that automatically adjust Manual Mode settings
- **Other Camera Modes:** Auto, Slow-Mo, Panorama, Time-Lapse, Food
- **AI Composition** - recognizes up to 3 people and adjusts the picture composition based on photography's rule of thirds
- **AI Action Shot** – automatically adjusts ISO and shutter speed to minimize blur<sup>3</sup>
- **Night view** - take sharper photos at night by adjusting the brightness with the slider
- **Google Lens** - searches what you see and provides relevant online information; features QR code and real-time translator

### DUAL REAR CAMERAS & FRONT CAMERA

- **Studio** - switch the background to a specific color
- **Portrait** - bokeh effect blurs the background while keeping the subject in focus
- **AI Cam** - intelligently suggests the optimal effect and angle by automatically identifying what's in the shot

<sup>1</sup> Not available with some camcorder settings.

<sup>2</sup> App download required.

<sup>3</sup> Available only on rear standard-angle camera.

- **HDR** - corrects backlighting with multiple exposure techniques
- **My Avatar** - take a picture of yourself to create a personalizable animated emoji
- **AR Emoji** - 3D graphic animals mimic your facial expressions
- **Flash Jump-Cut** - photos are taken every 3 seconds and saved as a GIF
- **Live photo** - record the action right before and after you take a photo
- **AR Sticker** - personalize photos with a variety of pre-loaded stickers
- **Quick Sharing** - access sharing apps instantly after taking pictures and videos
- **Film Effect** - choose from 17 preset filters

### FRONT CAMERA

- **Dual Mirror Mode** - use the second screen as a live viewfinder to preview selfies as they are taken
- **Makeup Pro** - manually change the appearance of selfies by adjusting complexion, lip color, or enhancing eyes and eyelashes
- **Auto shot** - take a selfie with automatic face detection
- **Gesture shot** - take a selfie with a simple hand gesture
- **Gesture interval shot** - make a fist twice to take four selfies in a row
- **Gesture view** - automatically preview the image when bringing the phone close
- **Selfie Light** - screen illuminates for well-lit selfies
- **Beauty Shot** - softens facial features



## Video Recording

- **ASMR Recording** – ASMR (Autonomous Sensory Meridian Response) microphones capture videos with refined sound and detail
- **4K Time Lapse** – capture time lapse videos in 4K resolution
- **Video Portrait** – blurs the background while keeping the subject in focus
- **4K Video Recording at 60 FPS**
- **EIS** – capture sharp footage with less blur
- **Resolution:** up to 3840 x 2160 pixels (1920 x 1080 default)
- **Steady Recording** - record smoother, clearer videos on the move<sup>1</sup>

- **HDR10 Video Recording**<sup>2</sup> - life-like footage with a wide spectrum of color that is rich and high contrast
- **Point Zoom** - zoom in on any selected area within the frame for more stability and control
- **Cine Effect** - choose from 16 different color grading presets for a cinematic look
- **Time-Lapse Video** - video where time appears to be moving faster
- **Video Studio**<sup>3</sup> - merge up to 50 photos or videos; trim and add title/text, background music, and theme effect overlays

<sup>1</sup> Available on both front and rear cameras.

<sup>2</sup> Available in manual video mode.

<sup>3</sup> Not available with some camcorder settings.



## Experience

### SECURITY

- **In-display Fingerprint Sensor** - conveniently unlock your phone with a touch of the display<sup>1</sup>
- **Screen Lock** - Swipe, Pattern, PIN, Password
- **Google Smart Lock** - keep phone unlocked when connected to trusted devices or in trusted places

### CONVENIENCE

- **Emotional Haptic Function** - vibrates when AI functionality has detected something
- **Barge-in** - recognizes "Hey Google" commands while audio is playing
- **App Scaling** - set view to None (Original), Compatibility (16:9), Standard (16.7:9), Full screen
- **Shortcut Keys** - quick access to Capture+, Camera or Google Assistant™
- **Comfort view** - decreases amount of blue light on the screen to help alleviate eyestrain
- **Screen color** - adjust settings for Auto, Cinema, Sports, Game, Photos, Web, and Expert
- **Mini view** - shrink the screen for one-handed use
- **Knock On®** - double tap the screen to put your phone to sleep/wake it
- **Smart cleaning®** - optimize phone storage and test hardware for improved performance
- **Battery saver** - conserve battery by changing settings and restricting apps in the background
- **LG Health<sup>2</sup>** - fitness app tracks daily activity

<sup>1</sup> Features and capabilities may vary by carrier. <sup>2</sup> This device and related software is not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease. Consult a doctor before starting an exercise program.



## Audio

- **Balanced Stereo Speakers** - 2.4W (1.2W + 1.2W) audio is distributed evenly across both sides of the device for optimal sound
- **DTS:X 3D Surround** - deep 3D stereo audio experience<sup>1</sup>
- **32-Bit Hi-Fi Quad Digital-to-Analog Converter (DAC)** - produces crisp, full sound through wired headphones
- **Sound Preset** - custom options to achieve different sound experiences
- **Digital Filter** - Short, Sharp, or Slow options of Sound Filter characteristics in DAC

<sup>1</sup> Wired headphones or speakers required. <sup>2</sup> Available only in Manual Mode.

### PRODUCTIVITY

- **Google Assistant with LG Integration** - intelligent personal assistant also performs LG-exclusive device-specific tasks
- **Multi Window** - use two apps simultaneously on a split screen
- **Drag and Drop Picture Gallery** - select multiple pictures and easily drag and drop into sub-folders
- **QTag** - gallery searches with automatic tagging and album creation
- **QuickMemo®+** - write or draw with the paper style, pen size/color of your choice, schedule memos to appear at certain times or locations
- **Capture+** - write or draw on nearly any screen

- **HD Audio Recorder** - choose between Normal, Concert, and Custom modes; record over a separate track
- **Hi-Fi Video Recorder** - 2 high AOP mics record high-quality audio even in loud environments<sup>2</sup>



## Entertainment

- **Game Tools** - use Take a Break function, Take a Screen Shot, Scale App, Disable Alerts During Game, Hide Home Touch Buttons or Adjust Resolution and Frame Rate
- **Accelerometer** - control games by turning and tilting\*
- **Music Player** - supports AMR, AWB, WAV, MP2, MP3, AAC, FLAC, AC3, MIDI, OGG, OGA, AIFF, AIF, M4A, MKA, WMA, DSF, and DFF formats

- **LG Music App** - organized by Folders, Albums, Playlists, Songs, Artists
- **Video Player** with Resume Play Function; supports H.263, H.264, HEVC, MPEG-4, VP8, VP9 and Xvid formats
- **Customizable Video** - Play Speed, Screen Capture, Subtitle

\* Only available on certain interactions with the touch screen.

## Display

- **6.4" FHD+ OLED Display** (2340 x 1080, including notch); 403 ppi
- **FullVision Display** - 19.5:9 Aspect Ratio; 83.1% screen-to-body ratio
- **Night mode** - UI can be set to black backgrounds for better visibility at night or in dark settings
- **Auto Color Contrast** - preserves color and image quality when screen brightness is turned down for optimized viewing in dark settings

\* Actual viewable area is less due to rounded corners and notch.

- **New Second Screen** - choose to add a color fill to the status bar
- **Floating Bar** - access app shortcuts and call notifications on a movable/collapsible toolbar
- **Always-On Display** - time, date, and notifications appear on a sleeping screen
- **Palm Rejection** - prevents accidental interactions on the touch screen

## Design

- **G8X ThinQ Size:** 6.27" (H) x 2.98" (W) x 0.33" (D), Weight: 6.79 oz.
- **Dual Screen Size:** 6.53" x 3.33" x 0.59"; Weight: 4.90 oz.

- **Dedicated Google Assistant Key**
- **Corning® Gorilla® Glass 6 (Front) & 5 (Rear) Protection**

## Connectivity

- **4G LTE Network<sup>1</sup>**
- **Network:** GSM, CDMA, UMTS, LTE
- **Frequencies:** GSM 850/900/1800/1900 MHz; CDMA BC0, BC1, BC10; UMTS B1, B2, B4, B5, B8; LTE B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B20, B25, B26, B28, B29, B30, B38, B39, B40, B41, B46, B48, B66, B71
- **Wi-Fi Hotspot<sup>2</sup>** - share a 4G LTE data connection with up to 10 wireless devices<sup>3</sup>
- **Bluetooth®** Wireless Technology Version 5.0
- **Supported Bluetooth Profiles:** A2DP, AVRCP, DI, GAVDP, GOEP, HDP, HFP, HID, HSP, MAP, OPP, PAN, PBAP, SPP, HOGP, ScPP
- **Wi-Fi® Standards:** 802.11 a/b/g/n/ac/1r

- **Wi-Fi Direct®** - connect directly to devices
- **USB<sup>4</sup> Tethering<sup>2</sup>** - share your Internet connection
- **Android Beam (NFC)** - share contacts, web pages, and more
- **Media Sync** - allow nearby devices to access content
- **Screen Sharing** - wirelessly mirror device screen
- **MIDI Device** - connect to musical instruments via USB<sup>4</sup>
- **A-GPS** for Enhanced Location Accuracy

<sup>1</sup> 4G LTE Network not available everywhere. <sup>2</sup> Carrier service required. Product features subject to change. Features based on carrier program availability. Additional charges may apply. <sup>3</sup> Depends on network availability. Additional carrier charges may apply. <sup>4</sup> USB cable required (included).

## Power & Performance

- **Platform:** Android™ 9 (Pie)
- **User Interface:** LG UX 9.0
- **Processor:** Qualcomm Snapdragon™ 855 Octa-core (up to 2.84 GHz x 1 + 2.42 GHz x 3 + 1.79 GHz x 4)
- **Battery Capacity:** 4,000 mAh (Non-Removable)
- **Talk Time:** up to 20 hours<sup>1</sup>
- **Charging:** USB Type-C™ port; wireless charging<sup>2</sup>; Qualcomm Quick Charge™ 4.0

- **Internal Memory:** 128 GB (up to 104 GB usable)<sup>3</sup>
- **microSD™:** supports card up to 2 TB (cards sold separately)
- **RAM:** 6 GB
- **Hearing Aids:** Rated for M4, T3

<sup>1</sup> Actual battery time may vary depending on network connectivity and application use. <sup>2</sup> Wireless charger sold separately. <sup>3</sup> Usable memory varies depending on software version and settings.

## LG Accessories

- LG TONE Bluetooth Stereo Headsets (available models vary by carrier)
- Detachable Dual Screen with Charging Adapter