LG G8 ThinQ™

PREMIUM AUDIO
Crystal Sound OLED Speaker
Boombox Speaker

TOUCHLESS CONTROL
Hand ID
Air Motion

ADVANCED CAMERAS
12 MP Standard Rear
16 MP Wide-Angle Rear
8 MP Front-Facing with
Z Camera

ELEGANT DESIGN
Sleek Glass Design
6.1” OLED FullVision™ Display

7:30
SUN. FEBRUARY 24

www.lg.com/us/G8_ThinQ-t-mobile
## Cameras

<table>
<thead>
<tr>
<th></th>
<th>DUAL REAR CAMERAS</th>
<th>FRONT CAMERAS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Field of View</strong></td>
<td>Standard Angle</td>
<td>Super Wide Angle</td>
</tr>
<tr>
<td></td>
<td>78˚</td>
<td>107˚</td>
</tr>
<tr>
<td><strong>Maximum Aperture</strong></td>
<td>f/1.5</td>
<td>f/1.9</td>
</tr>
<tr>
<td><strong>Sensor Size</strong></td>
<td>1/2.6&quot;</td>
<td>1/3.1&quot;</td>
</tr>
<tr>
<td><strong>Sensor Pixel Size</strong></td>
<td>1.40 µm</td>
<td>1.00 µm</td>
</tr>
<tr>
<td><strong>Resolution (up to)</strong></td>
<td>12 MP (4032 x 3024)</td>
<td>16 MP (4656 x 3492)</td>
</tr>
<tr>
<td><strong>Flash</strong></td>
<td>LED</td>
<td>LED</td>
</tr>
</tbody>
</table>

### 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** - adjust shutter speed, ISO, exposure, white balance, and more; save image as raw (DNG) and JPEG
- **Graphy 2.0** - select reference photos that automatically adjust Manual Mode settings
- **Food** - adjusts white balance to improve appearance
- **Other Camera Modes**: Auto, Slow-Mo, Cine Video, Panorama, YouTube Live, Time-Lapse, 360 Panorama
- **AI Composition** - recognizes up to 3 people and adjusts the picture composition based on photography's rule of thirds
- **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
- **Spotlight** - add lighting from different angles by selecting where it illuminates the subject's face
- **Portrait** - bokeh effect blurs the background while keeping the subject in focus
- **AI Cam** - suggests the optimal effect and angle by automatically identifying what’s in the shot

### Video Recording

- **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 Record** - record smoother, clearer videos on the move (this is available front and rear)
- **HDR10 Video Recording** - life-like footage with a wide spectrum of color that is rich, accurate, and high contrast

- **Point Zoom** - zoom in on any selected area within the frame for more stability and control
- **Video Manual Mode** - adjust audio focus, manual focus, white balance, frame rates, and more
- **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** - merge up to 50 photos or videos; trim and add title/text, background music, and theme effect overlays

*App download required.*
Experience

SECURITY

- **Multi ID** – 3 ways to unlock: 3D Face Unlock, Fingerprint ID, and Hand ID
- **Hand ID** – 3D sensor scans palm and uses unique vein recognition technology to unlock the device
- **Fingerprint ID** – access phone, make mobile payments, secure content
- **3D Face Unlock** - unlock screen with facial scan
- **Screen Lock** - Swipe, Knock Code®, Pattern, PIN, Password
- **Google Smart Lock** - keep phone unlocked when connected to trusted devices or in trusted places

CONVENIENCE

- **Air Motion** – control phone with touchless commands to access favorite functions, answer calls, snooze alarms, and increase volume
- **Z Camera** – front-facing 3D sensors (receiving and transmitting) enable touchless control, security features, and enhanced selfies
- **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

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

1 Features and capabilities may vary by carrier. 2 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

- **Crystal Sound OLED Speaker** - entire screen is a speaker for immersive sound
- **Boombox Speaker** - inner resonance chamber along with bottom speaker provides greater sound levels for boosted bass
- **DTS:X Virtual Surround** - deep 3D stereo audio experience
- **32-Bit Hi-Fi Quad Digital-to-Analog Converter (DAC)** - produces crisp, full sound through wired head phones
- **Wind Noise Filter** - minimize wind noise during video recording
- **Sound Preset** - custom options to achieve different sound experiences

- **Digital Filter** - Short, Sharp, or Slow options of Sound Filter characteristics in DAC
- **Super Far-Field Voice Recognition (FFVR)** - improved voice recognition picks up commands better in noisy environments from up to 16’ away
- **HD Audio Recorder** - choose between Normal, Concert, and Custom modes; record over a separate track
- **Hi-Fi Video Recorder** - 2 high AOP mics record higher-quality sound
- **Hi-Fi Streaming Ready** - can decode MQA file, high resolution audio to be packed in a small size

1 Wired headphones or speakers required. 2 Ambient noise and room configuration may lessen operational distance and accuracy. 3 Available only in Manual Mode.

Entertainment

- **Boombox Show** - music comes alive with a strobe light and screen visuals that move to the music
- **Game Tools** - use take a break function, take a screenshot, 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 MP3, WAV, AMR, AAC, AAC+, eAAC+, AC3, OGG, FLAC, MIDI, WMA, XM, DSF, DFF, and AIFF formats

- **LG Music App** - organized by songs, albums, artists, genres, playlists, folders, nearby devices, and favorites
- **Video Player** with Touch Lock, and Resume Play Functions; supports AVI, MKV, MP4, 3GP, 3G2, MOV, TS, WEBM, FLV, ASF, PS, MPG, MPEG, M2TS, MOV, and K3G formats
- **Customizable Video** - Play Speed, Screen Capture, Subtitle

* Only available on certain interactions with the touch screen.
## Display
- **6.1" QHD+ OLED Display** (3120 x 1440, including notch), 564 ppi
- **FullVision Display** - 19.5:9 Aspect Ratio, 83.1% screen-to-body ratio
- **New Second Screen** - choose to add a color fill to the status bar

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

## Design & Durability
- **Size:** 5.98" (H) x 2.83" (W) x 0.33" (D), Weight: 5.89 oz.
- **Dedicated Google Assistant Key**
- **IP68 Dust and Water Resistant**
- **Shock Resistant** - MIL-STD-810G Tested

1 Tested under controlled laboratory conditions with a rating of IP68 (Water resistant up to 1.5 meters for 30 minutes). If the product gets wet, use a clean, soft cloth to dry it thoroughly.
2 Compliant with a military standard test (MIL-STD-810G Method 516.6, Procedure IV “Transit Drop”). Device may not perform as tested in all conditions. Test performed in controlled environment. Do not attempt.

## Connectivity
- **4G LTE Network**
- **Network:** GSM, UMTS, LTE
- **Data Transmission:** GPRS, EDGE, HSPA, LTE
- **Wi-Fi Hotspot** - share a 4G LTE data connection with up to 10 wireless devices
- **Bluetooth®** - Wireless Technology Version 5.0
- **Supported Bluetooth Profiles:** A2DP, AVRC, DI, GAVDP, GOEP, HDP, HFP, HID, HSP, MAP, OPP, PBAP, SPP, HOGP, ScPP, GATT
- **Wi-Fi® Standards:** 802.11 a/b/g/n/ac
- **Wi-Fi Direct®** - connect directly to devices
- **USB® Tethering** - 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
- **A-GPS** for Enhanced Location Accuracy
- **MirrorLink®** - connect to a MirrorLink - capable car to share your screen and apps

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

## Power & Performance
- **Platform:** Android™ 9 (Pie)
- **User Interface:** LG UX 8.0™
- **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:** 3,500 mAh Non-Removable
- **Talk Time:** 23 hours

1 Actual time may vary depending on network connectivity and application use.

## LG Accessories
- **USB Type-C Cable (Quick Charge 3.0 Charger)**
- **LG TONE Bluetooth Stereo Headset**

1 Included with phone. 2 Available models vary by carrier.