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

www.lg.com/us/G8_ThinQ-att
### Cameras

<table>
<thead>
<tr>
<th>DUAL REAR CAMERAS</th>
<th>FRONT CAMERAS</th>
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</thead>
<tbody>
<tr>
<td><strong>Standard Angle</strong></td>
<td><strong>Super Wide Angle</strong></td>
</tr>
<tr>
<td>Field of View</td>
<td>78˚</td>
</tr>
<tr>
<td>Maximum Aperture</td>
<td>f/1.5</td>
</tr>
<tr>
<td>Sensor Size</td>
<td>1/2.6&quot;</td>
</tr>
<tr>
<td>Sensor Pixel Size</td>
<td>1.40 µm</td>
</tr>
<tr>
<td>Resolution (up to)</td>
<td>12 MP (4032 x 3024)</td>
</tr>
<tr>
<td>Flash</td>
<td>LED</td>
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### 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: Hand ID, 3D Face Unlock, and Fingerprint ID
- Hand ID - 3D sensor scans palm and uses unique vein recognition technology to securely 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, screen capture, control music, 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

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 headphones
- 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 feet away
- RAM (Receiver as Mic) - 2 analog mics and the phone's receiver improve sound clarity while recording in loud environments
- 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 - MQA decoder enables high resolution audio to be packaged in a small size

Entertainment
- Boombox Show - music comes alive with a strobe light and screen visuals that move to the music
- Game Tools - use 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 AMR, AWB, WAV, MP2, MP3, AAC, FLAC, AC3, MIDI, OGG, OGA, AIFF, AIF, M4A, MKV, WMA, DSF, and DFF 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 MP4, 3GP, WMV (ASF), OGM (OGV), MOV, FLV, F4V, AVI, MKV, WEBM, TS, M2TS, and TP formats
- Customizable Video - Play Speed, Screen Capture, Subtitle

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.

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

- **4G LTE Network**
- **Network**: GSM, UMTS, LTE
- **Frequencies**: GSM 850/900/1800/1900 MHz; UMTS B1, B2, B4, B5; LTE Bands 2/4/5/12/14/29/30/46/66; International Roaming 1/3/7/20/38/39/40/41
- **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, AVRCP, DI, GAVDP, GOEP, HDP, HID, HSP, MAP, OPP, PAN, PBAP, SPP, HOGP, ScPP
- **Wi-Fi® Standards**: 802.11 a/b/g/n/ac/i/r
- **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**

**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
- **Corning® Gorilla® Glass 5 (Front) & 6 (Rear) Protection**

**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**: up to 19.5 hours
- **Standby Time**: up to 21 days
- **Charging**: USB Type-C™ port; wireless charging; Qualcomm Quick Charge™ 3.0
- **Internal Memory**: 128 GB (up to 104 GB usable)
- **microSD™**: supports card up to 2 TB (cards sold separately)
- **RAM**: 6 GB
- **Hearing Aids**: Rated for M4, T3

**LG Accessories**

- **LG TONE Bluetooth Stereo Headsets** (available models vary by carrier)