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-verizon
## Cameras

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<tr>
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<th>DUAL REAR CAMERAS</th>
<th>Super Wide Angle</th>
<th>FRONT CAMERAS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Field of View</strong></td>
<td>Standard Angle</td>
<td>78˚</td>
<td>107˚</td>
</tr>
<tr>
<td></td>
<td>Super Wide Angle</td>
<td></td>
<td>80˚</td>
</tr>
<tr>
<td><strong>Maximum Aperture</strong></td>
<td>f/1.5</td>
<td>f/1.9</td>
<td>f/1.7</td>
</tr>
<tr>
<td><strong>Sensor Size</strong></td>
<td>1/2.6”</td>
<td>1/3.1”</td>
<td>1/3.6”</td>
</tr>
<tr>
<td><strong>Sensor Pixel Size</strong></td>
<td>1.40 µm</td>
<td>1.00 µm</td>
<td>1.22 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>
<td>8 MP (3280 x 2460)</td>
</tr>
<tr>
<td><strong>Flash</strong></td>
<td>LED</td>
<td>LED</td>
<td>Selfie-Light</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

### FRONT CAMERA
- **8 MP Autofocus Front-Facing Camera**
- **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
- **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

**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

**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/MP2, WAV, AMR, AAC, AAC+, eAAC+, AC3, OGG, FLAC, QCP, DSF, DFF, AIFF, MID, XM, IXY, RTTTTL/RTX, M4A, MIDI, PCM, and MP2 formats

**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**
- Comfort view - decreases amount of blue light on the screen to help alleviate eyestrain
- Screen Color - adjust settings for Auto, Eco, Cinema, Sports, Game, Expert, Color temperature or RGB levels
- Mini View - shrink the screen for one-handed use
- Knock On® - double tap the screen to put your phone to sleep/wake it
- Battery Saver - conserve battery by changing settings and restricting apps in the background
- LG Health - fitness app tracks daily activity

1 Wired headphones or speakers required. 2 Ambient noise and room configuration may lessen operational distance and accuracy. 3 Available only in Manual Mode.
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 under IEC standard 60529 (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 standards 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: LTE/UMTS/GSM/CDMA
- Frequencies: LTE : B2, B4, B5, B13, B46, B48, B66; LTE Roaming : B3, B7, B20, B28; UMTS : B1, B2, B5, B8; CDMA BCO/BC1, EVDO RevO/A
- Data Transmission: LTE, EVDO Rev A, EVDO 1xRTT, HSPA+, HSPA, UMTS, EDGE, GPRS, GSM
- Wi-Fi Hotspot - share a 4G LTE data connection with up to 10 wireless devices
- Bluetooth® Wireless Technology Version 5.0
- Supported Bluetooth Profiles: OPP, PAN, PBAP, SPP, HOGP, A2DP, AVRCP, HDP, HFP, HID, HSP, MAP, OPP, PAN, PBAP, SPP, HOGP
- Wi-Fi® Standards: 802.11 a/b/g/n/ac

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). 5 HD Voice required on both caller and receiver devices.

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 22 hours

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

LG Accessories

- USB Type-C Cable (Quick Charge 3.0 Charger)
- Bluetooth Stereo Headset

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