NEXT-LEVEL MULTI-TASKING
Compatible with a Detachable Dual Screen Case
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
32-bit Hi-Fi Quad DAC

Available Separately.
Wired headphones or speakers required.
## Cameras

### DUAL REAR CAMERAS

<table>
<thead>
<tr>
<th>Field of View</th>
<th>Standard Angle</th>
<th>Super Wide Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>78˚</td>
<td>136˚</td>
</tr>
<tr>
<td>Maximum Aperture</td>
<td>f/1.8</td>
<td>f/2.4</td>
</tr>
<tr>
<td>Sensor Size</td>
<td>1/2.55&quot;</td>
<td>1/3.42&quot;</td>
</tr>
<tr>
<td>Sensor Pixel Size</td>
<td>1.40 µm</td>
<td>1.00 µm</td>
</tr>
<tr>
<td>Resolution (up to)</td>
<td>12 MP (4032 x 3024)</td>
<td>13 MP (4160 x 3120)</td>
</tr>
<tr>
<td>Flash</td>
<td>LED</td>
<td>LED</td>
</tr>
</tbody>
</table>

### DUAL REAR CAMERAS & FRONT CAMERA

- **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.

### FRONT CAMERA

<table>
<thead>
<tr>
<th>Field of View</th>
<th>Standard Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>79˚</td>
</tr>
<tr>
<td>Maximum Aperture</td>
<td>f/1.9</td>
</tr>
<tr>
<td>Sensor Size</td>
<td>1/2.8”</td>
</tr>
<tr>
<td>Sensor Pixel Size</td>
<td>0.8 µm</td>
</tr>
<tr>
<td>Resolution (up to)</td>
<td>32 MP (6528 x 4896)</td>
</tr>
<tr>
<td>Flash</td>
<td>Selfie-Light</td>
</tr>
</tbody>
</table>

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## 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>

- **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

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<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.
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
- **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

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

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, MKV, 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

SECURITY

- **In-display Fingerprint Sensor** - conveniently unlock your phone with a touch of the display
- **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** - fitness app tracks daily activity

1 Wired headphones or speakers required. 2 Available only in Manual Mode.
LG G8X ThinQ  

**Connectivity**

- **4G LTE Network**: Not available everywhere.<sup>1</sup>
- **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.<sup>2</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/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<sup>4</sup>
- **A-GPS for Enhanced Location Accuracy**

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

**Design**

- **Size**: 6.27” (H) x 2.98” (W) x 0.33” (D), Weight: 6.79 oz.
- **Dedicated Google Assistant Key**
- **Corning® Gorilla® Glass 6 (Front) & 5 (Rear) Protection**

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

1. Actual battery 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**

- **LG TONE Bluetooth Stereo Headsets**: Available models vary by carrier
- **Detachable Dual Screen* with Charging Adapter**

* Available online at LG.com.

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- 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

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- 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 move³
- HDR10 Video Recording³ - 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 Studio³ - merge up to 50 photos or videos; trim and add title/text, background music, and theme effect overlays

¹ Not available with some camcorder settings.
² App download required.
³ Available only on rear standard-angle camera.
Experience

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- Accelerometer - control games by turning and tilting*
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- 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.
**Connectivity**

- **4G LTE Network**  
  Network: LTE, CDMA, GSM, UMTS  
  Frequencies: LTE Bands 1/2/3/4/5/7/8/12/13/20/25/26/28/40/41/46/66/71; CDMA Band Class 0/1/10; GSM 850/900/1800/1900 MHz; UMTS Bands 1/2/4/5/8

- **Data Transmission**: LTE Carrier Aggregation, HSPA+, HSDPA, HSUPA, 1xRTT, EVDO, EVDO Rev A, GSM

- **Wi-Fi Hotspot**: share a 4G LTE data connection with up to 8 wireless devices

- **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, GATT

- **Wi-Fi® Standards**: 802.11 a/b/g/n/ac

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- **HD Voice+ Capable**

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