

# LG V40ThinQ™

[www.lg.com/us/V40\\_ThinQ-unlock](http://www.lg.com/us/V40_ThinQ-unlock)



**5-CAMERA PHONE**  
Triple Rear & Dual Front



**ARTIFICIAL INTELLIGENCE**  
AI Composition & AI Cam



**IMMERSIVE DISPLAY**  
6.4" QHD+ OLED FullVision™



**EXCEPTIONAL AUDIO**  
Boombox Speaker &  
DTS:X 3D Surround

 Google Assistant

**OLED FullVision**  
by LG Display

**Qualcomm**  
snapdragon



 **LG**  
Life's Good

	TRIPLE REAR CAMERAS			DUAL FRONT CAMERAS	
	Standard Angle	Super Wide-Angle	2x Zoom Telephoto	Standard Angle	Wide-Angle
<b>Field of View</b>	78°	107°	45°	80°	90°
<b>Maximum Aperture</b>	f/1.5	f/1.9	f/2.4	f/1.9	f/2.2
<b>Sensor Size</b>	1/2.6"	1/3.1"	1/3.4"	1/4"	1/5"
<b>Sensor Pixel Size</b>	1.40 µm	1.00 µm	1.00 µm	1.12 µm	1.12 µm
<b>Resolution (up to)</b>	12 MP (4032 x 3024)	16 MP (4656 x 3492)	12 MP (4032 x 3024)	8 MP (3264 x 2448)	5 MP (2560 x 1920)
<b>Flash</b>	LED	LED	LED	Selfie-Light	Selfie-Light

### TRIPLE REAR CAMERAS

- **16x Continuous Zoom** - 2x optical zoom-in, 5x digital zoom-in, and 1.6x optical zoom-out, total 16x zoom from super wide-angle to 2x zoom telephoto
- **OIS+ and EIS** - capture sharp images quickly with less blur<sup>1</sup>
- **Dual PDAF** - autofocus using dual PD pixel sensor<sup>1</sup>
- **Triple Shot** - capture 3 shots (standard, wide, and tele) and create a short video with one touch
- **Triple Preview** - press and hold a camera icon to see a live preview of the 3 rear lenses
- **Super Bright Camera** - automatically activated in extreme low light to capture bright photos and video<sup>2</sup>
- **Manual Mode** - adjust shutter speed, ISO, exposure, white balance, and more; save image as raw (DNG) and JPEG
- **Graphy 2.0**<sup>3</sup> - select reference photos that automatically adjust Manual Mode settings
- **Food** - adjusts white balance to improve appearance
- **AI Composition** - recognizes up to 3 people and adjusts the picture composition based on photography's rule of thirds

### TRIPLE REAR CAMERAS & DUAL FRONT CAMERAS

- **Cine Shot** - create partially animated videos by selecting specific areas to animate
- **AI Cam** - suggests the optimal effect and angle by automatically identifying what's in the shot
- **Google® Lens** - searches what you see and provides relevant online information; features QR code and real-time translator

- **Portrait** - bokeh effect blurs the background while keeping the subject in focus
- **Light Effect** - apply lighting effects on the background of selfies; options include Natural, Studio, Contour, Stage, Stage Mono
- **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
- **Film Effect** - choose from 17 preset filters
- **HDR** - corrects backlighting with multiple exposure techniques

### DUAL FRONT CAMERAS

- **My Emoji** - take a picture of yourself to create a personalizable animated emoji<sup>2</sup>
- **Makeup Pro** - manually change the appearance of selfies by adjusting complexion, lip color, or enhancing eyes and eyelashes<sup>2</sup>
- **Auto Shot** - take a selfie with automatic face detection<sup>2</sup>
- **Gesture Shot** - take a selfie with a simple hand gesture<sup>2</sup>
- **Gesture Interval Shot** - make a fist twice to take four selfies in a row<sup>2</sup>
- **Gesture View** - automatically preview the image when bringing the phone close<sup>2</sup>
- **Selfie Light** - screen illuminates for well-lit selfies<sup>2</sup>
- **Beauty Shot** - softens facial features<sup>2</sup>
- **Quick Sharing** - access sharing apps instantly after taking pictures and videos

<sup>1</sup> Feature only available on standard rear camera. <sup>2</sup> Feature not available on 2x Zoom Telephoto Lens. <sup>3</sup> App download required.



## Video Recording

- **4K Video Recording at 60 FPS**
- **Resolution:** up to 3840 x 2160 pixels (1920 x 1080 default)
- **Steady Record** - record smoother, clearer videos on the move
- **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
- **Slo-mo** - HD 240 FPS Slow Motion Video Recording
- **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

\* Not available with some camcorder settings.

## Audio

- **Boombox Speaker** - inner resonance chamber along with top and bottom speakers provide greater sound levels for boosted bass
- **DTS:X Virtual 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
- **Super Far-Field Voice Recognition (FFVR)** - improved voice recognition picks up commands better in noisy environments from up to 16' away<sup>2</sup>

- **Wind Noise Filter** - minimize wind noise during video recording
- **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<sup>3</sup>
- **Hi-Fi Streaming** - MQA decoder enables high resolution audio to be packaged in a small size

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

## Experience

### SECURITY

- **Screen Lock** - Swipe, Knock Code®, Pattern, PIN, Password
- **Fingerprint ID** - access phone, make mobile payments, secure content<sup>1</sup>
- **Face Recognition** - unlock screen with facial scan
- **Google Smart Lock** - keep phone unlocked when connected to trusted devices or in trusted places

### PRODUCTIVITY

- **Google Assistant with LG Integration** - intelligent personal assistant also performs LG-exclusive device-specific tasks
- **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

### 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, 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
- **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.

## 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\*
- **Video Player** with Touch Lock, Live Zooming, Play on Lock Screen, Video Screenshot, and Resume Play Functions; supports AVI, MKV, MP4, 3GP, 3G2, M4V, TS, WEBM, FLV, ASF, WMV, PS, MPG, MPEG, M2TS, MOV, and K3G formats

- **Customizable Video** - Screen Ratio, Subtitle Settings and Playback Speed
- **Music Player** - supports MP3/MP2, WAV, AMR, AAC, AC3, OGG, FLAC, MID, WMA, XMF, DSF, DFF, and AIFF formats
- **LG Music App** - organized by songs, albums, artists, genres, playlists and folders

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

## Display

- **6.4\*\* QHD+ OLED Display** (3120 x 1440, including notch); 538 ppi
- **FullVision Display** - 19.5:9 Aspect Ratio; 84.3% 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.

- **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 & Durability

- **Size:** 6.25" (H) x 2.98" (W) x 0.31" (D), **Weight:** 5.96 oz.
- **Dedicated Google Assistant Key**
- **IP68 Dust and Water Resistant**<sup>1</sup>
- **Shock Resistant** - MIL-STD-810G Tested<sup>2</sup>

- **Corning® Gorilla® Glass 5** - protection on front, back, and camera
- **Heat Pipe** - absorbs and moves heat away from the processor to help minimize the risk of overheating

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**<sup>1</sup>
- **Network:** CDMA, WCDMA, GSM, UMTS, LTE
- **Frequencies:** LTE Bands 1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/29/30/38/39/40/41/46/66/71; WCDMA Bands 1/2/4/5/8; GSM 850/900/1800/1900 MHz; 800 MHz CDMA; 1.9 GHz CDMA PCS; Secondary 800 MHz CDMA
- **Data Transmission:** EVDO, EVDO Rev A, 1xRTT, LTE, GRPS, EDGE, UMTS, GSM, HSPA+, HSPA
- **Mobile Hotspot**<sup>2</sup> - share a 4G LTE data connection with up to 8 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
- **Wi-Fi Direct®** - connect directly to devices
- **USB<sup>4</sup> and Bluetooth Tethering<sup>2</sup>** - share your Internet connection
- **Android Beam (NFC)** - share contacts, web pages, and more
- **Media Server** - allow nearby devices to access content
- **Screen Sharing** - wirelessly mirror device screen
- **MIDI Device** - connect to musical instruments via USB<sup>4</sup>
- **HD Voice Capable**<sup>5</sup>
- **MirrorLink®** - connect to a MirrorLink-capable car to share your screen and apps
- **S-GPS, A-GPS, and Qualcomm® Service** for Enhanced Location Accuracy

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™ 8.1 (Oreo)
- **User Interface:** LG UX 7.1
- **Processor:** Qualcomm Snapdragon™ 845 up to 2.8 GHz x 4 + 1.7 GHz x 4 Octa-Core
- **Battery Capacity:** 3,300 mAh Non-Removable
- **Talk Time:** 22 hours<sup>1</sup>
- **Standby Time:** 4 Days 10 hours (AoD ON), 17 Days 5 hours (AoD Off)

- **Charging:** USB Type-C™ port; wireless charging<sup>2</sup>; Qualcomm Quick Charge™ 3.0
- **Internal Memory:** 64 GB (47.58 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 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)<sup>1</sup>
- Earphones<sup>1</sup>

- Bluetooth Stereo Headset<sup>2</sup>

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