# LG GBXThinQ<sup>™</sup>















#### **NEXT-LEVEL MULTI-TASKING**

Compatible with a Detachable Dual Screen Case<sup>1</sup> Stunning Phone Design 6.4" OLED FHD+ Display 19.5:9 (2340 × 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<sup>2</sup> 32-bit Hi-Fi Quad DAC

<sup>1</sup> Available Separately.

<sup>2</sup> Wired headphones or speakers required.







|                    | DUAL REAR CAMERAS   |                     | FRONT CAMERA        |
|--------------------|---------------------|---------------------|---------------------|
|                    | Standard Angle      | Super Wide Angle    | Standard Angle      |
| Field of View      | 78°                 | 136°                | 79°                 |
| Maximum Aperture   | f/1.8               | f/2.4               | f/1.9               |
| Sensor Size        | 1/2.55"             | 1/3.42"             | 1/2.8"              |
| Sensor Pixel Size  | 1.40 µm             | 1.00 µm             | 0.8 μm              |
| Resolution (up to) | 12 MP (4032 x 3024) | 13 MP (4160 x 3120) | 32 MP (6528 x 4896) |
| Flash              | LED                 | LED                 | Selfie-Light        |

#### **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/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
- Al Composition recognizes up to 3 people and adjusts the picture composition based on photography's rule of thirds
- Al 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
- · Al Cam intelligently suggests the optimal effect and angle by automatically identifying what's in the shot
- 1 Not available with some camcorder settings
- 2 App download required.
- 3 Available only on rear standard-angle camera.

- · 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

#### FRONT CAMERA

- Dual Mirror Mode use the second screen as a live viewfinder to preview selfies as they are
- 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 desture
- 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

- · 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 move1
- 1 Available on both front and rear cameras.
- 2 Available in manual video mode
- 3 Not available with some camcorder settings

- HDR10 Video Recording<sup>2</sup> life-like footage with a wide spectrum of color that is rich and
- · 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 Studio<sup>3</sup> merge up to 50 photos or videos; trim and add title/text, background music, and theme effect overlays



#### **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<sup>2</sup> fitness app tracks daily activity

#### **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

- 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<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

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

- HD Audio Recorder choose between Normal, Concert, and Custom modes; record over a separate track
- Hi-Fi Video Recorder 2 high AOP mics record high-quality audio even in loud environments<sup>2</sup>



## 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, MKA, WMA, DSF, and DFF formats
- \* Only available on certain interactions with the touch screen.

- 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



## Display

- 6.4"\* FHD+ OLED Display (2340 x 1080, including notch); 403 ppi
- FullVision Display 19.5:9 Aspect Ratio; 83.1% screen-to-body ratio
- · Night mode UI can be set to black backgrounds for better visibility at night or in dark settings
- · Auto Color Contrast preserves color and image quality when screen brightness is turned down for optimized viewing in dark settings
- \* Actual viewable area is less due to rounded corners and notch

- New Second Screen choose to add a color fill to the status bar
- 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



- 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



## Connectivity

- 4G LTE Network<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<sup>2</sup> share a 4G LTE data connection with up to 10 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/i/r

- · Wi-Fi Direct® connect directly to devices
- USB<sup>4</sup> Tethering<sup>2</sup> 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 USB4

Internal Memory: 128 GB (up to 102.8 GB usable)<sup>3</sup>

microSD™: supports card up to 2 TB (cards sold separately)

· A-GPS 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).



## Power & Performance

- Platform: Android<sup>™</sup> 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<sup>™</sup> port; wireless charging<sup>2</sup>; Qualcomm Quick Charge<sup>™</sup> 4.0

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 TONE Bluetooth Stereo Headsets (available models vary by carrier)
- \* Available online at LG.com.



· Detachable Dual Screen\* with Charging Adapter

RAM: 6 GB

· Hearing Aids: Rated for M4, T3