The LG G7 ThinQ™ has AI built into its core with superior hardware that guides a powerful, seamless experience all wrapped up in a stunning, striking design.

### Display
- Super Bright Display - 1000 nit brightness delivers full outdoor visibility even in direct sunlight.
- 6.1” QHD+ Display, 564 ppi
- FullVision Display – 19.5:9 Aspect Ratio (3120 x 1440, including notch)
- New Second Screen - turn off FullVision mode for one continuous look on the top edge of the display
- Floating Bar – access app shortcuts and call notifications on a moveable/collapsible toolbar
- Always-On Display – time, date, and notifications always shown on a sleeping screen
- Palm Rejection - prevents accidental interactions on the touch screen

### Cameras
**DUAL REAR CAMERAS**
- 16 MP Standard-Angle Lens f/1.6
  - Field of view: 71°
  - Image sensor: 1/3.1”
  - Resolution: up to 4656 x 3492 pixels (default), 1.0 μm pixel size
- Glass Camera Lens – minimizes light dispersion for superior sharpness and color
- 10-bit HDR Image Sensor – captures up to 211% more colors for improved accuracy
- OIS+ and EIS
- 16 MP Wide-Angle Lens f/1.9 with LED Flash
  - Field of view: 107°
  - Image sensor: 1/3.1”
  - Resolution: up to 4656 x 3492 pixels (default), 1.0 μm pixel size
- AI Cam - suggests the optimal effect and angle by automatically identifying what's in the shot
- Google Lens - identifies text and real-life objects to instantly search Google® for information, reviews on the product or shop for the best price; also features QR Code reader option
- Super Bright Camera - captures photos and videos that are four times as bright in low light by combining 4 pixels into 1 super pixel
- Live Photo - captures the 3 total seconds as a picture is taken for a short video clip with motion and sound
- Portrait Mode - adjust background blur against a subject in focus
- Manual Mode – adjust shutter speed, ISO, exposure, white balance, and more; save image as RAW (JPEG + DNG)

**FRONT CAMERA**
- 8 MP Lens f/1.9
- Resolution: up to 3264 x 2448 pixels (default)
- Full HD Video Recording
- Auto Shot - take a selfie with automatic face detection
- Gesture Shot – take a selfie with a simple hand gesture
- Gesture Interval Shot – take four selfies in sequence by making a fist twice
- Gesture View – transitions between camera mode and preview mode automatically
- Selfie Light – screen illuminates around the photo preview for well-lit selfies
- Beauty Shot – softens facial features

### Video Recording
- 4K Video Recording at 30 FPS
- Resolution: up to 3840 x 2160 pixels (1920 x 1080 default)
- HDR10 Video Recording - life-like footage with a wider spectrum of colors that are richer and more accurate, and greater contrast between light and dark
- Cine Effect – choose from 16 different color grading presets to add a cinematic look
- Point Zoom – zoom in on any selected area within the frame for more stability and control
- Steady Record 2.0 – record smoother, clearer videos on the move
- Video Manual Mode² – adjust audio focus, manual focus, white balance, frame rates, and more
- HD 120 FPS Slow Motion Video Recording
- Time-Lapse Video – record a video that plays back faster than normal
- Video Studio² - merge up to 50 photos or videos; trim and add title/text, background music, and theme effect overlays

### Audio
- Boombox Speaker - design’s inner space functions as a resonance chamber combined with a 39% larger speaker and greater sound levels for louder, boosted sound
- Super Far-Field Voice Recognition (FFVR) - improved voice recognition picks up commands better in noisy environments from nearly 1.7 away
- Wind Noise Filter – minimize wind noise during video recording
- DTS-X Virtual Surround Sound - provides a deep 3D stereo audio experience
- RAM (Receiver as Mic) – 2 analog mics combine with the phone’s receiver to improve sound clarity while recording in loud environments
- HD Audio Recorder – capture high-quality sound with the ability to record over a separate audio track; choose between Normal, Concert, and Custom modes
- Hi-Fi Video Recorder – 2 high AOP mics record with higher-quality sound²
- 32-Bit Hi-Fi Quad DAC – Digital-to-Analog Converter (DAC) for crisp, full sound through wired headphones
- Sound Preset – select custom options to achieve different sound experiences
- Digital Filter - choose from Short, Sharp, and Slow to change the Sound Filter characteristics in DAC
- Hi-Fi Streaming – MQA decoder enables high resolution audio to be packaged in a small size

### Memory
- Non-Removable 3,000 mAh battery
- 64 GB; RAM: 4 GB
- microSD™ Support

### Processor
- Octa-Core 2.8 GHz Octa-Core

### OS
- Android™ 8.0 Oreo

### Processor
- 3,000 mAh Non-Removable

### Memory
- 64 GB RAM; 4 GB microSD™ Support

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1 Compared to the LG G6.
2 App download required.
3 Wired headphones or speakers required.
4 Available only in Manual Mode.
**Design & Durability**

- Google Assistant Key - launches AI assistant, press and hold to skip introductory Hey Google, double-click to access Google Lens
- Premium Aluminum Metal Sides
- Rear Key with Fingerprint ID
- Size: 6.03" (H) x 2.83" (W) x 0.31" (D)
- Weight: 5.71 oz
- IP68 Dust and Water Resistant
- Shock Resistant with MIL-STD-810G Testing

**Experience**

**SECURITY**

- Fingerprint ID — gain access to your phone, make mobile payments, and secure content
- Voice Recognition – unlock or turn on the screen with a user-defined keyword (3-5 words or phrase)
- Face Recognition – unlock screen with facial scan
- Google Smart Lock – keep phone unlocked when connected to trusted devices or in trusted places
- Knock Code® – create a 6- to 10-point pattern for direct access to the home screen

**PRODUCTIVITY**

- QuickMemo+ — choose paper style, pen size/color, add text, and more
- Capture+ – write or draw on nearly any screen and schedule memos to appear at certain times or locations
- Smart Cleaning® – phone diagnosis for improved performance
- Power Saving Mode – restricts apps in background
- LG Health2 – fitness app tracks daily activity
- QSlide – overlay two windows; adjust size and transparency
- Dual Window – use two apps simultaneously on a split screen

**Convenience**

- Google Assistant with LG Integration – intelligent personal assistant now performs 32 LG-exclusive device-specific tasks such as taking wide-angle selfies or performing a visual search
- Emotional Haptic Function – vibration alerts the user when AI functionality has detected something
- Barge-in – recognizes “hey google” commands while audio is playing
- App Scaling – set view to Original, 16:9, 16:7, and Full Screen 19.5:9
- Shortcut Keys – quick access to Capture or Camera
- Comfort view – decreases amount of blue light on the screen
- Screen Color – adjust settings for Normal, Best for movies, Best for photos, Best for web, Custom, or Enhanced video color
- Mini View – shrink the screen for one-handed use
- Knock On® – double tap the screen to put your phone to sleep/wake it

**Entertainment**

- Google Daydream – a virtual reality (VR) platform
- Game Tools – use a break function, take a screenshot, scale app, or adjust resolution and frame rate
- Accelerometer – control games by turning and tilting4
- Video Player with Touch Lock, Live Zooming, Play on Lock Screen, Video ScreenShot, and Resume Play Functions; supports PS, MPG, MPEG, TS, M2TS, MP4, M4V, 3GP, 3G2, MOV, WebM, MKV, AVI, FLV, ASF, and WMV
- Customizable Video Screen Ratio, Subtitle Settings, Playback Speed, and Video Auto-Close Function

**Connectivity**

- 4G LTE Network1
- Technology: LTE, CDMA, GSM, UMTS
- Data Transmission: LTE Carrier Aggregation, HSPA+, HSPA, HSUPA, EVDO, EVDO Rev A, GSM
- Mobile Hotspot2 – share a 4G LTE data connection with up to 8 wireless devices4
- Bluetooth® Wireless Technology Version 5.0
- Supported Bluetooth Profiles: A2DP, AVRCP, DIXI, SC/PP, A2DP, HFP, HSP, HFP1, HSP, MAP, OPP, PAN, PBAP, SPP, HOGP
- Wi-Fi® Standards: 802.11 a/b/g/n/ac
- Wi-Fi Direct® – connect directly to devices

**Power & Performance**

- Platform: Android 8.0 (Oreo)
- LG UX 7.0
- Processor: Qualcomm Snapdragon™ 845 up to 2.8 GHz x 4 + 1.7 GHz x 4 Octa-Core SMD845
- Battery Capacity: 3,000 mAh Non-Removable
- Talk Time: 23 hours
- Qualcomm Quick Charge™ 3.0
- USB Type-C™ Charging Port

**LG Accessories**

- USB Type-C Cable (Quick Charge 3.0 Charger)*
- Bluetooth Stereo Headset (LG TONE FREE™, LG TONE Studio™, LG TONE TRUMPH™, LG TONE PLATINUM™, LG TONE INFINIM™, LG TONE Active®, LG TONE Active², LG TONE ULTRA™, LG TONE PRO®)
- Wireless Charging with Compatible Dock2
- Internal Memory: 64 GB1
- Supports microSD card up to 2 TB (cards sold separately)
- RAM: 4 GB
- Rated for Hearing Aids: M4, T3

- Google Music App – organized by folders, songs, albums, artists, genres, and playlists
- S-GPS, A-GPS, and Qualcomm® Service for Enhanced Location Accuracy

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.
3 Only available on certain interactions with the touch screen.
4 Additional charges may apply.
5 Depending on network availability. Additional carrier charges may apply.
6 USB cable required (included).
7 USB charging port is required on both caller and receiver devices.
8 Depending on network availability. Additional carrier charges may apply.
9 Additional charges may apply.