

LG V20

FREQUENCIES

CDMA 1.9 GHz CDMA PCS/800 MHz CDMA; GSM 850/900/1800/1900 MHz;
LTE Bands 2/3/4/5/7/12/13/17/20/25



Take Business to the Next Level

Every moment is an opportunity to excel—you just need the right tools. The LG V20™ allows you to get ahead at work with more confidence and control than ever before. A bold display, convenient second screen, and industry-first features let you maximize your productivity and perform at the very top.

FEATURE HIGHLIGHTS

Stay on top of work with the always-on **Second Screen** and respond directly to important notifications.

See bold text and sharp imagery on the **Quad HD Display** so you never miss a single detail.

Android™ 7.0 Nougat has new and improved features that provide better productivity and performance.

The LG V20 is designed to withstand daily wear and tear with a **Durable Metal Body**.

Multitask quickly and efficiently throughout the day with a **Removable 3,200 mAh Battery** and **Quad-Core Processor**.

Up to 2 TB of **Expandable Memory** allows you to safely store all files, documents, and work content (card sold separately).

LG GATE

With powerful capabilities and government-grade security, LG GATE creates a safe, efficient mobile work environment—even when you're away from the office.

PLATFORM SECURITY

- Government-grade FIPS 140-2 certified crypto module
- AES-256 bit encryption algorithm
- Audit Logging & SELinux

NETWORK SECURITY

- Safely communicate over public network infrastructures
- Compatible with major VPN Gateways

APPLICATION SECURITY

- Enhanced EAS: Extends support of Microsoft Exchange ActiveSync policies
- Smart Card Support

ENTERPRISE MOBILITY MANAGEMENT

Compatible with industry leading MDM providers like AirWatch, SOTI MobileIron, SAP and Maas 360

ANDROID™ ENTERPRISE

- Utilize a dedicated Work Profile with security, management and app support built-in
- Android Enterprise capitalizes on LG GATE platform security and some network security capabilities

For more information on LG GATE, visit: www.lgmobilebusiness.com



Government Certifications

NIAP MDF PP v3.0 | FIPS 140-2

LG V20

LG Mobile for Business

www.lg.com/us/V20



Design

- 5.7" Quad HD IPS Display
- Second Screen – provides quick access to notifications, favorite apps, contacts, and more
- Rear Key with Fingerprint ID
- Corning® Gorilla® Glass 4 Protection
- USB Type-C™ with Qualcomm® Quick Charge™ 3.0¹ – reversible design for easier plug-in; fast charging and data transfer
- Release Button and Metal Battery Cover – provides quick access to the removable battery

* Charger sold separately.

Camera/Video

4K Ultra HD Rear Camcorder

- Video Resolutions: up to 3840 x 2160¹
- Steady Record 2.0 – record smoother, clearer videos, even on the move
- Hi-Fi Video Recording² – record video with higher-quality sound
- Video Manual Mode³ – adjust audio focus, manual focus, white balance, frame rates, and more
- Audio Zoom 2.0 and Wind Noise Filter – controls audio focus direction and minimizes background and wind noise
- Recording features including Slow-Motion Video Recording, Live Shot, Snap Video, Time-Lapse Video, Pause & Resume Recording, Live Zooming, and more
- Quick Video Editor³ – trim and adjust the speed of your videos
- 15-Second Video³ – creates a highlight clip from a longer video for easy sharing
- Quick Share – access social platforms instantly after taking pictures and videos

Dual Rear Cameras with Wide-Angle Lens

- 16 MP Standard-Angle Lens – 75 degrees, 1/2.8" image sensor, f/1.8 low light¹
- 8 MP Wide-Angle Lens – 135 degrees, 1/4" image sensor, f/2.4 low light¹
- Hybrid Auto Focus⁴ – fast, stable autofocus in any environment with three integrated autofocus mechanisms
- Film Effect – preset filter effects to give photos a film-like look and feel
- Camera Resolutions: up to 4656 x 3492 (standard angle) or 3264 x 2448 (wide angle)¹
- Optical Image Stabilization (OIS 2.0) – capture sharp images quickly with less blur
- f/1.8 Low-Light Lens¹ – stabilizes image for improved picture quality in low light
- Manual Mode⁵ – adjust shutter speed, ISO, exposure, white balance, and more; save image as RAW (JPEG + DNG)

Wide-Angle Front Camera and Full HD Camcorder

- 5 MP Wide-Angle Lens⁵ – 120 degrees, f/1.9 low light; toggle for standard-angle (83 degrees) option
- Auto Shot⁵ – face detection automatically initiates a 2-second countdown timer to take a selfie
- Gesture Shot⁵ – take selfies with a simple hand gesture
- Gesture View⁵ – transitions between camera mode and preview mode automatically when phone is lowered

¹ Available only on rear-facing camera or camcorder.
² Available only in manual mode; videos with Hi-Fi audio play only in apps that support Hi-Fi.
³ Not available with some camcorder settings.
⁴ Available only when using the standard lens.
⁵ Available only on front-facing camera or camcorder.

Experience

- Android™ 7.0 (Nougat) OS – improved experience, better productivity, and enhanced performance
- LG UX 5.0+ – swipe to explore all apps

- In Apps – find content in the apps on your phone: contacts, messages, videos, and more
- Smart Settings – turn settings on/off, open apps, or change settings according to location
- Smart Cleaning* – free up space by deleting temporary files and removing infrequently used apps
- Smart Doctor – optimize phone by cleaning up temporary files and stopping unused apps
- Smart Keyboard – adjust keyboard height and control cursor; adaptive word recognition based on user behavior
- One-Handed Operation – position the keyboard closer to the left or right edge
- Smart Bulletin 2.0 – view information and launch applications; includes customizable cards that provide tips, help users track health, and more
- Smart Lock – keep phone unlocked when connected to trusted devices or in trusted places
- LG Health 2.0¹ – fitness app tracks daily activity
- QuickMemo+ – take notes with ability to choose paper style, pen size and color, add text with a PC-like tool bar, and more
- Capture+ – write or draw on nearly any screen and then save to QuickMemo+ or Gallery
- SnapPage for QuickMemo+² – captures web page text and images and imports them into QuickMemo+
- Ringtone ID – unique ringtone created for each caller based on phone numbers
- Customizable Home Touch Buttons – includes Notification, Capture+, QSlide Function™, and customizable color settings
- QSlide Function – overlay up to two windows with adjustable sizing and transparency
- Battery & Saving – minimize the battery consumption through efficient UX control
- Multilingual Support for Phone and Keyboard Input
- EasyHome – interface with a simpler layout and larger font size
- Shortcut Keys – open apps quickly with the volume keys when the screen is locked or off
- Quick Shot – take a photo by using the camera shortcut key
- Mini View – shrink the screen for use with one hand
- Clip Tray* – copy multiple items and paste in a clipboard at the bottom of the screen
- Do Not Disturb – turn off all notifications except chosen ones
- Display Size – make items on the screen larger or smaller
- Fingerprint ID – gain access to your phone, make mobile payments, and secure content³
- Knock Code* – tap a 6-to-10-point pattern to access the home screen
- Knock On* – double-tap the screen to put your phone to sleep/wake it
- Content Lock – set a password/pattern to protect Gallery files or QuickMemo+ memos; prevent files from being previewed when linked to a PC⁴

¹ This app is not intended to diagnose, treat, or prevent any disease or medical condition. Always seek the advice of a qualified medical professional before making any changes to your exercise, sleep, or nutrition.
² LG does not guarantee the performance of this feature on all mobile browsers.
³ Features and capabilities may vary by carrier.
⁴ Some owner content may still be accessible to a user who enables Content Lock.

Entertainment

- Hi-Fi Quad DAC – Digital-to-Analog Converter (DAC) for crisp, full sound through wired headphones or speakers
- Hi-Fi Recorder – capture high-quality audio on the go with the ability to record over a separate audio track
- Quick Remote* – universal learning remote; control compatible TVs, cable provider set-top boxes, audio systems, and more
- Video Player with Touch Lock and Resume Play Functions
- Customizable Video Screen Ratio, Subtitle Settings, Playback Speed, and Video Auto-Close Function

- Gallery – organized by albums, timeline, memories, favorites, camera mode, and videos; access nearby devices and cloud accounts
- Google® Play™ Music
- Customizable Music Library – organized by songs, albums, artists, genres, stations, and playlists

Connectivity

- 4G LTE Network¹
- Mobile Hotspot² – share a 4G LTE data connection with up to 8 compatible wireless devices³
- Bluetooth® Wireless Technology Version 4.2
- Wi-Fi® Connectivity – 802.11 a/b/g/n/ac
- Wi-Fi Direct® – connect directly to devices via Wi-Fi
- USB⁴ and Bluetooth Tethering² – share your phone's Internet connection with your computer
- Android Beam – share contacts, web pages, and more via Near Field Communication (NFC)
- Media Server – allow compatible nearby devices to access your content via DLNA®
- Screen Sharing (Miracast™) – wirelessly mirror device screen on a compatible display
- MirrorLink™⁴ – connect to a MirrorLink-capable car to share your screen and apps
- LG AirDrive⁵ – wirelessly share content with a computer using your LG account
- Wi-Fi Calling™ – use Wi-Fi to improve voice and data coverage
- MIDI Device – connect to compatible musical instruments via USB⁴
- File and Photo Transfer
- 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 LG Bridge download required on computer.

General Specifications

- Display: 5.7" Quad HD IPS (2560 x 1440) with 513 ppi and 500 nit
- Battery Capacity: 3,200 mAh Removable
- Platform: Android 7.0 (Nougat)
- Processor: Qualcomm Snapdragon™ 820 MSM8996 with X12 LTE and 2.15 GHz Quad-Core Custom 64-bit Qualcomm Kryo
- Frequencies: CDMA 1.9 GHz CDMA PCS/800 MHz CDMA; GSM 850/900/1800/1900 MHz; LTE Bands 2/3/4/5/7/12/13/17/20/25
- Size & Weight: 6.28" (H) x 3.07" (W) x 0.30" (D); 6.14 oz.
- Internal Memory: 64 GB (usable internal memory varies by carrier)
- Supports microSD™ card up to 2 TB*
- RAM: 4 GB
- * microSD cards sold separately.

LG Available Accessories

- Standard Battery*
- Travel Adapter and USB Type-C Cable*
- LG Quick Cover™ Case
- Bluetooth Stereo Headset (LG FORCE, LG TONE PLATINUM™, LG TONE INFINIM™, LG TONE Active+,™ LG TONE Active,™ LG TONE ULTRA™, LG TONE PRO™)
- * Included with phone.

LG Electronics MobileComm U.S.A., Inc. | 1000 Sylvan Ave., Englewood Cliffs, NJ 07632 | Cust. Service: (800) 793-8896



All materials in this spec sheet including, without limitation, the design and the text are the property of LG Electronics MobileComm U.S.A., Inc. 4G LTE not available everywhere. LTE is a trademark of ETSI. Copyright © 2017 LG Electronics MobileComm U.S.A., Inc. ALL RIGHTS RESERVED. LG, LG Life's Good, and the LG logo are registered trademarks of LG Corp. V20 is a trademark of LG Electronics, Inc. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by LG Electronics MobileComm U.S.A., Inc. is under license. Google is a registered trademark of Google Inc. Wi-Fi and Wi-Fi Direct are registered trademarks of Wi-Fi Alliance. Qualcomm and Snapdragon are trademarks of Qualcomm Incorporated, registered in the United States and other countries. Used with permission. Other trademarks and trade names are property of their respective owners. Unless otherwise specified herein, all accessories referenced are sold separately. All features, functionality, and other product specifications are subject to change without notice. Screen shots are simulated and subject to change.