



- 4G / LTE Cat. 20 2000/150 Mbps
- Display 6.8 "Dual Dynamic Edge Quad HD AMOLED +
- **Octa Core Processor** (Dual Core 2.7GHz Dual Core 2.4GHz + + Quad Core 1.9GHz)
- **Quadruple Rear Camera, Dual OIS**
(12MP Dual Pixel, F1.5 / F2.4 - 16MP Ultra-wide-angle, F2.2 - 12MP telephoto lens, F2.1 - TOF, F1.4)
- **Dual Pixel 10MP Front camera, F2.2**
- **Internal memory UFS 3.0 256 GB** (Expandable with microSD up to 1 TB)
- **RAM 12 GB**
- **Wi-Fi 802.11 a / b / g / n / ac / 2.4G ax + 5GHz**
- **Battery 4,300 mAh**
- **IP68 Certification**
- **ultrasonic fingerprint reader**
- **Samsung Pay**
- **Dual Sim**
- **S Pen**
- **Samsung Knox 3.4**
- **Android OS 9 Pie**

The commercial product may differ from what is indicated as a result of successive changes in the drafting of this sheet

SAMSUNG

**Functions and
Applications
Galaxy +
note10**

- **Air Command** (Make a note, See all notes, intelligent selection, screen writing, Post Live, Translate, Penup, Maximize, Minimize, Bixby Vision, Paint, Write on the calendar, AR Doodle)
- **Air view / Remote S Pen / Penup / Live Posts** (Photo and video)
- **Display Always On / Always On Memo / Lighting Edge**
- **Your Account / Pass Samsung / Samsung Cloud**
- **Digital Wellness / Device Support**
- **Bixby** (Bixby Home / Bixby Voice / Bixby Vision / Bixby Routines)
- **Connecting to Windows**
- **Photo-Video Fire Live / Audio zoom / Super Slow-Mo** (960 frames per second)
- **Fast measurement / Registration screen**
- **Wireless charging / Reload Ultra-fast / wireless charging Sharing**
- **Biometrics Recognition** (Fingerprints / Viso)
- **Dex Samsung / Samsung Health / Members Samsung / Samsung Notes**
- **Samsung Pay / SmartThings / Galaxy Wearable**
- **Smart View / MirrorLink**
- **AKG Stereo Speaker / Dolby Atmos / 3 microphones**
- **Configurable Switch status**

Weight / Dimensions	• 196 g / 162.3 x 77.2 x 7.9 mm
Battery	• Capacity: 4300 mAh
Operating system	
Connectivity	• USB Type-C / USB On-The-Go • Bluetooth 5.0 / ANT + • WiFi 802.11 a / b / g / n / ac / 2.4G ax + 5GHz, HE80, MIMO, 1024-QAM • A-GPS, GLONASS, Beidou, Galileo • Portable Wi-Fi / Wi-Fi Direct / Download booster • NFC / Android Beam • Screen mirroring (MirrorLink / Smart View) • Nanosim Support 4FF (Dual Sim)
Camera	• Quadruple camera with FlashLED, Optimizer scene Tip shots, scan QR codes, audio zoom, 2x Optical Zoom, 10x Digital Zoom: Wide 12 MP Super Speed Dual Pixel Camera, OIS, F1.5 / F2.4, AF, Auto HDR - Ultra-wide-angle 16 MP camera, F2.2 - Tele 12 MP camera, OIS, F2.1 AF - TOF VGA, F1.4 (rear camera) • Dual Pixel Camera 10 MP, F2.2, Auto HDR, AF Selfies Flash (front camera) • Mode: Food, Night, Panorama, Pro, Live Fire, Photography, Video, Video live fire, super slow-mo, slow motion, Hyperlapse, Emoji AR, Bixby Vision • Photo: 4032x3024 (3: 4), 4032x2268 (16: 9), 3024x3024 (1: 1), 4032x1908 (Full) • Video Recording: 3840x2160 (UHD 60 fps), 3840x2160 (UHD), 1920x1080 (FHD 60 fps), 1920x1080 (FHD), 2224x1080 (Full), 1440x1440 (1: 1), 1280x720 (HD)
Display	• Touchscreen dual edge Dynamic AMOLED 6.8 "(Infinity-O display) • 3040x1440 (Quad HD +), 498 PPI
Memory	• UFS 3.0 * 256 GB internal (expandable with microSD [™] or microSDHC [™] up to 1 TB) * [Part of the indicated internal memory is used by the operating system] • 12 GB (RAM)

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Band	• LTE Cat. 20 DL 2000 Mbps, Cat. 13 UL 150 Mbps / HSPA + 42.2 Mbps / 5.76 Mbps HSUPA / HSDPA / UMTS / EDGE / GPRS quadband
Chipset	• Octa Core Exynos 9825 processor (Dual Core 2.7GHz + Dual Core 2.4GHz Quad Core + 1.9GHz)
SAR value	• SAR head: 0.187 W / Kg • Body SAR: 1.404 W / Kg
Messaging	• Message composer for SMS, MMS • E-mail client (POP3, IMAP4, SMTP, SSL, TLS, EAS), Gmail • Exchange ActiveSync
Contents	• Images: A-GIF, BMP, GIF, HEIF, JPEG, P-JPEG, PNG, WebP, WBMP • Audio: MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DFF, DSF, APE • Video: MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM
More Functions and Applications	• Google Apps: Play Store, Play Movies, Play Music, Gmail, Google Search, Chrome, Maps, YouTube, Drive, Photo, Duo • Microsoft Apps: Office Mobile, OneDrive, LinkedIn, Outlook • Galaxy Store / Game Launcher / Game Tools • Clock / Alarm / World Clock / Stopwatch / Timer / Calculator / Calendar • customizable Energy saving (Optimized / Mid / Max) • Filter Light Blue / Night mode • Personal Area / Samsung Pass / Find my mobile • Knox 3.4

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