Galaxy Note20 5G | Note20 Ultra 5G

The power to work



Improve personal productivity.

With features like an improved S Pen, wireless DeX, Microsoft integration, 5G and more, these are the phones that enable productivity, remotely.



Simplify team collaboration.

Everyone can remotely access the same cloud-based data at a moment's notice, edit documents, host impromptu video calls and more, without having to rely on a laptop or desktop PC.



Work and manage devices with trust.

Knox defense-grade platform helps protect data, and cloud-based configuration, management and business tools help IT keep remote teams running smoothly.



The power of a PC in your pocket



Improve personal productivity.

More responsive S Pen

- Improved S Pen¹ feels like a real pen.
- New Air Actions control camera zoom, scrolling, volume and more.

Improved Samsung Notes

- Take notes and sync them for access anywhere.
- Export to Microsoft Word or PowerPoint.
- Import a PDF directly into Notes and mark it up.

Microsoft integration

- Microsoft Office apps live natively on the Galaxy Note20 5G Series².
- Easily access OneDrive and Outlook.

Brilliant screen, intelligent battery, HyperFast processor

- 6.9" Galaxy Note20 Ultra 5G³ features an adaptive 10-120Hz Dynamic AMOLED 2X display³ that adjusts based on apps and content to maximize battery life.
- Galaxy Note20 Ultra 5G and 6.7" Galaxy Note20 5G³ feature an all-day intelligent battery⁴ and superfast charging.⁵
- Both are powered by a HyperFast processor.

Ultra-wideband: Locate

 Galaxy Note20 Ultra 5G features ultra-wideband technology, which enables you to find tagged items⁶.



Simplify team collaboration.

Wireless DeX

• Samsung DeX now connects wirelessly,^{7,8} to use your apps anywhere, including a home TV.

Link to Windows

 Connect Galaxy Note20 5G Series smartphones to a laptop, and manage up to six mobile or Windows apps at once.

The speed of 5G

- Galaxy Note20 5G Series supports both 5G standards.
- Upload and download files, stream videos over a conference call, create a private, secure 5G hotspot.¹⁰

Microsoft collaboration

 Aids team productivity with common access to data and ability to natively edit documents on phones.²

Ultra-wideband: Point to Share

• Select data to share, point your Galaxy Note20 Ultra 5G at a team member's compatible device, then tap Share.¹¹



Work and manage devices with trust.

Defense-grade security

- Secure Processor dedicated to protecting your PIN, password, pattern and Blockchain Private Key.
- Biometric authentication, plus a Secure Folder.

Manage a remote and distributed workforce

- Knox cloud solutions allow IT admins to easily manage devices through their entire lifecycle.¹²
- Knox Configure: bulk device setup and rebranding
- Knox Mobile Enrollment: automated EMM enrollment
- Knox Manage: cross-platform EMM capabilities
- Knox E-FOTA: OS version and security patch control
- Knox Platform for Enterprise: enterprise security

Digital Common Access Card

• Enhanced ciphers and signatures support enables Galaxy Note20 5G Series to be used as digital CACs.

Services that drive business forward

- Scalable mobility services and expert assistance.
- ProCare Device Protection offers extended warranty and accidental damage for up to 3 years¹³
- ProCare Advanced, Elite, and Elite Plus Enterprise Technical Support augments IT team with advanced troubleshooting¹³
- Knox QuickStart and E-FOTA: experts help assess needs, then help set up Knox Configure, Knox Manage and Knox E-FOTA¹⁴



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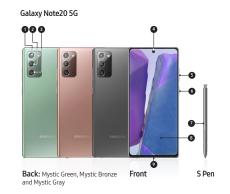
Galaxy Note20 5G | Note20 Ultra 5G

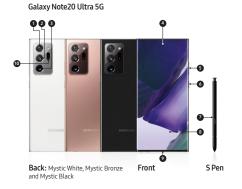
Specifications			Galaxy Note20 5G	Galaxy Note20 Ultra 5G
Display ³			6.7" Flat FHD+ Super AMOLED Plus, Infinity-O Display, 2400 x 1080 (393 ppi), HDR10 + Certified	6.9" Edge Quad HD+, Dynamic AMOLED 2X Infinity-O Display, 3088 x 1440 (496 ppi), HDR10+ Certified, Adaptive Display with 10-120Hz Refresh Rate
Colors			Mystic Bronze, Mystic Green, Mystic Gray	Mystic Bronze, Mystic White, Mystic Black
Processor			64-bit Octa-Core Processor (7nm), 2.7GHz (Max. Clock Speed), +2.5GHz + 2GHz, 3.0GHz (Max. Clock Speed), + 2.4GHz +1.8GHz	65-bit Octa-Core Processor (7nm), 2.7GHz (Max. Clock Speed), + 2.5GHz + 2GHz, 3.0GHz (Max. Clock Speed), + 2.4GHz + 1.8GHz
Network ¹⁰			5G: 5G Non-Standalone (NSA), Standalone (SA), Sub-6 / mmWave LTE: Enhanced 4 x 4 MIMO, Up to 7CA	5G: 5G Non-Standalone (NSA), Standalone (SA), Sub-6 / mmWave LTE: Enhanced 4x4 MIMO Up to 7CA
OS			Android 10	Android 10
Size / Weight		Size / Weight	2.96" x 6.36" x 0.33" / 6.7 oz. (LTE/Sub-6), 6.7 oz. (mmWave)	3.04" x 6.49" x 0.32" / 7.3 oz.
	BLE S Pen (Size / Weight)		0.23" x 0.17" x 4.14" / 0.11 oz.	0.23" x 0.17" x 4.14" / 0.11 oz.
Camera		Ultra-Wide	12MP F1.8 (79°, 1.8μm)	108MP PDAF, OIS F1.8 (79°, 0.8μm)
	Rear	Wide-Angle	12MP Super Speed Dual Pixel AF, OIS F2.2 (120°, 1.4μm)	12MP F2.2 (120°, 1.4μm)
		Telephoto	64MP F2.0 (76°, 0.8μm)	12MP F3.0 (20°,1.0µm)
	Front	Main	10MP Dual Pixel AF F2.2 (80°, 1.22μm)	10MP Dual Pixel AF F2.2 (80°, 122μm)
RAM ¹⁵			12GB (LPDDR5)	12GB (LPDDR5)
Storage ^{16,17}			128GB	128GB / 512GB, Expandable up to an additional 1TB with MicroSD card
LTE			Cat. 20, Up to 2.0Gbps Download / Up to 200Mbps Upload	Cat. 20, Up to 2.0Gbps Download / Up to 200Mbps Upload
5G			Sub-6, mmWave	Sub-6, mmWave
Battery ⁴			4,300mAh (typical), Up to 16 hours	4,500mAh (typical), Up to 15 hours
Wired Charging			Super Fast Charging (25W)	Super Fast Charging (25W)
Wireless Charging			PowerShare, Fast Wireless Charging 2.0 (12W)	PowerShare, Fast Wireless Charging 2.0 (15W)
Wi-Fi			802.11 a/b/g/n/ac/ax 2.4G+5GHz, HE80, MIMO, 1024-QAM	802.11 a/b/g/n/ac/ax 2.4G+5GHz, HE80, MIMO, 1024-QAM
Connectivity			Bluetooth 5.0, USB Type-C 3.2, NFC, Location (GPS, Galileo, Glonass, BeiDou)	Bluetooth 5.0, USB Type-C 3.2, NFC, Location (GPS, Galileo, Glonass, BeiDou), Ultra Wideband
Sensors			Ultrasonic Fingerprint, Accelerometer, Barometer, Gyro, Geomagnetic, Hall, Proximity, Ambient Light	Ultrasonic Fingerprint, Accelerometer, Barometer, Gyro, Geomagnetic, Hall, Proximity, Ambient Light
Additional Features			Stereo Speakers, Earphones, Ultra High-Quality Audio	Stereo Speakers, Earphones, Ultra High-Quality Audio

Device Layout

- 1. Ultra Wide Camera
- 2. Wide-Angle Camera
- 3. Telephoto Camera
- 4. Front Camera
- 5. Volume Keys

- 6. Power Button
- 7. S Pen
- 8. Ultrasonic Fingerprint
- 9. USB Type-C
- 10. Laser AF Sensor





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'Compared to Galaxy Note10. ²Microsoft Office license required for purchase to edit Excel, Word or PowerPoint documents. License sold separately. ³Measured diagonally, the Galaxy Note20 Ultra 5G screen size is 6.9" in the full rectangle and 6.8" accounting for the rounded corners, while Galaxy Note20 5G is 6.7" and 6.6". Actual viewable area is less due to the rounded corners and camera lens. Note20 Ultra default screen refresh rate is 120Hz/FHD. Quad HD+ requires screen setting at 60Hz screen refresh rate. Based on average battery life under typical usage conditions. Average expected performance based on typical use. Actual battery life depends on factors such as network, features selected, frequency of calls, and voice, data and other application usage patterns. Results may vary. When using the included charger and cable. Ultra-wideband is supported in Galaxy Note20 Ultra 5G only. Wireless DeX requires smart TV with Miracast support, and both devices must be on the same Wi-Fi network. *Monitor, keyboard and mouse sold separately. *Link to Windows requires the Your Phone app (free download), a Microsoft account and Windows 10. Some mobile apps may have security features that prevent the mobile app from being viewed on PC. **Requires** optimal 5G network connection, available in select markets. Check with your carrier for availability and details. Download and streaming speeds may vary based on content provider, server connection and other factors. Download in the factors of the server of the factors of the server of the factors of the UWB is supported in Galaxy Note20 Ultra 5G only. UWB Accuracy: Distance (±4" within 11.5"), Angle (±5"). "Free trials are available for these services. Please check samsung.com/knox for more information. Additional licenses are required for Knox Configure, Knox Manage and Knox E-FOTA. Knox Platform for Enterprise requires additional licensing for premium features. "Plans are sold based on MSRP or price paid by end-customer, whichever is less. Total duration includes one year of standard limited warranty. Labor-only costs for mechanical and electrical breakdown are covered from date every success and a maximum of success and a mount of available memory may be less based on configuration. "Portion of memory occupied by existing content." "MicroSD card sold separately."