

SAMSUNG

Galaxy S20 Tactical Edition

Mission-ready mobility. Proven by operators.

The Samsung Galaxy S20 Tactical Edition is the mission-ready military smartphone built and proven by operators in special operations. Based on the proven success of the S9 Tactical Edition for operators in the field, the S20 Tactical Edition is the only end user device you'll need for mission planning, training, operations and daily use.



Persistent communications in any domain

Purpose-built to connect to tactical radios and mission systems out of the box, the Galaxy S20 Tactical Edition delivers a complete and accurate common operational picture. Run mission applications in the field and enterprise applications everywhere else with a single end user device for mission training, planning, operations and everyday use.



Interoperable across devices and networks

Pre-configured software, pre-loaded during the manufacturing process, includes drivers to support tactical radios and mission-critical devices. Multi-ethernet capabilities provide dedicated connections to multiple mission systems including drone feeds, laser range finders, and external GPS. Support for current and next-generation networks includes Private SIM, 5G, WiFi 6 and CBRS. Allow or disallow USB peripherals based on product or vendor identifiers.



Command and control

Integrate voice, video and tactical data for a complete view of the battlespace to enhance precision and effectiveness. Unique tactical features on the Galaxy S20 Tactical Edition include night-vision mode, stealth mode, lock screen autorotate, hostage negotiation mode, LTE band lock for consistent 4G connection, tactical application quick launch, to keep the operator focused on the objective, Standalone(5G)/Non-standalone (4G) modes to stay on preferred network. Preloaded tactical settings app. Ability to configure hotspot 2.0.



Capture Intelligence

A Pro-grade 64 MP camera on the Galaxy S20 Tactical Edition enhances intel gathering, even in low-light environments without a flash. Capture high-resolution photos or sharp 8K video reconnaissance without giving away your position.



Power to extend the mission

Keep going wherever the mission takes you with the Galaxy S20 Tactical Edition's intelligent 4000mAh battery is 30% larger than the previous tactical solution and optimizes energy based on your device usage. Easily share power with a team member's smartphone in the field simply by touching devices using Wireless PowerShare.⁴



One device to meet your requirements

Run mission applications in the field and enterprise applications everywhere else with the powerful and efficient Galaxy S20 Tactical Edition 64-bit Octa-Core processor. Connect your device to a monitor keyboard and mouse and use the power of Samsung DeX⁵ for a desktop-like experience that is ideal for mission planning, training and everyday use. DeX-in-Vehicle transforms your Galaxy S20 Tactical Edition into an in-vehicle computer.



Open and secure

Enable a diverse ecosystem of tactical partners with the open and secure Android operating system on the Galaxy S20 Tactical Edition. The all-new Tactical Settings feature simplifies device management, while Samsung Knox provides defense-grade security⁹ from the hardware layer up and mission-specific device customization capabilities. The DualDAR architecture of the Galaxy S20 Tactical Edition provides two layers of encryption, even when the device is powered off, for securing up-to top secret level data on the device.



Tested and proven

Samsung Galaxy Tactical Edition smartphones are tested and proven by special operators in the field. The Galaxy S20 Tactical Edition is certified to meet the most stringent requirements including NSA's CSFC Components List, NIAP Common Criteria/MDFP, DODIN APL, FIPS 140-2, DISA Android 10 STIG, IP68 rating.

Contact Us: www.samsung.com/TacticalEdition

Galaxy S20 Tactical Edition



Specifications	Galaxy S20
Display ¹⁰	S20: 6.2" WQHD+ Dynamic AMOLED 2.0, 3200 x 1440 Resolution, Bezel-less Screen, Supports both 60Hz and 120Hz Refresh Rate ¹
Color	S20: Cosmic Gray
Processor	Qualcomm Snapdragon 865 (SM8250), Octa-Core 2.8 GHz, 64-bit, 7nm Application Processor
Network ^{11,12}	LTE Cat 20 S20: Sub-6 5G
OS	Android 10 with One UI 2
Dimensions / Weight	S20: 2.7" x 6.0" x 0.3" / 5.7 oz.
Camera	S20 Rear: Wide: 12MP, 2PD, OIS, F1.8 / Tele: 64MP, 3x Hybrid Optic Zoom, 30x Digital Zoom, OIS, F2.0 / Ultra-Wide: 12MP, 120° FOV, F2.2, Bright Night Mode S20 Front Wide: 10MP, 2PD, AF, F2.2
Video Recording	Front and Rear: 4K up to 60fps and 8K @ 24fps
Battery (Typical) ²	S20: 4,000mAh Wired super fast charging ³ and wireless fast charging, wireless charging compatible with WPC/PMA
Memory ¹³ / Storage ¹⁴	S20: 12 GB/128 GB; expandable up to an additional 1 TB with microSD card ¹⁵
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
Connectivity ¹⁶	Wi-Fi 802.11 a/b/g/n/ac/ax (2.4G/5GHz), Wi-Fi Direct, HE80, MIMO, 1024QAM Bluetooth 5.0 (LE up to 2Mbps), ANT+ Location (GPS, Glonass, Galileo, BeiDou) USB 3.1 Gen 1 Type-C, NFC, PC Sync (Smart Switch, PC version)
Sensors	Accelerometer, Barometer, Ultrasonic Fingerprint, Geomagnetic, Gyro, Hall, Proximity, RGB Light
Additional Features ¹²	IP68 ¹⁷ , Knox, Wireless PowerShare ⁴ , Samsung DeX ⁵ , Bixby, Samsung Pass, Samsung Internet

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For complete product information and accessories, visit samsung.com/tacticaledition | insights.samsung.com

Product support: 1-866-SAM4BIZ | Follow us: [youtube.com/samsungbizusa](https://www.youtube.com/samsungbizusa) | [@SamsungBizUSA](https://twitter.com/SamsungBizUSA)

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1.Default display mode is 60Hz. Requires screen setting at 120Hz screen mode. 2. 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. 3.When using included charger and cable. Battery life based on typical usage conditions which may vary by factors including network, selected features and running applications. 4.Works with Qi compatible Samsung devices (compatibility with non-Samsung Qi devices not guaranteed). Speed and power efficiency of charge varies by device. 5.Using genuine Samsung HDMI adapter or cable for Samsung DeX is recommended. Accessories and monitor sold separately.6.MS Office license required for purchase to edit Excel, Word or PowerPoint documents. License sold separately. 7.Third-party VDI solutions sold separately. 8.Additional licenses are required for Knox Configure, Knox Mobile Enrollment, Knox Manage, Knox E-FOTA and Knox Platform for Enterprise. Free trials may be available for these services. Please check samsung.com/knox. 9. For the full list of Knox certifications, please visit samsung.com/knox. 10. Measured diagonally, Galaxy S20 screen size is 6.2" in full rectangle and 6.1" accounting for rounded corners. Actual viewable area is less due to the rounded corners and camera lens. 11. Requires optimal 5G network connection, available in select markets. 12. May differ by market and mobile operator. 13. Total amount of available memory may be less based on configuration. 14. Portion of storage occupied by existing content. 15. MicroSD card sold separately. 16. Galileo and BeiDou coverage may be limited. 17. Water-resistant in up to 5 feet of water for up to 30 minutes. Rinse residue and dry device after getting it wet.