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.

**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 auto-rotate and tactical application quick launch, to keep the operator focused on the objective.

**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.

**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 DeX® 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 security 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.

## Galaxy S20 Tactical Edition

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>Galaxy S20</th>
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<tbody>
<tr>
<td>Display&lt;sup&gt;1&lt;/sup&gt;</td>
<td>S20: 6.2” WQHD+ Dynamic AMOLED 2.0, 3200 x 1440 Resolution, Bezel-less Screen, Supports both 60Hz and 120Hz Refresh Rate</td>
</tr>
<tr>
<td>Color</td>
<td>S20: Cosmic Gray</td>
</tr>
<tr>
<td>Processor</td>
<td>Qualcomm Snapdragon 865 (SM8250), Octa-Core 2.8 GHz, 64-bit, 7nm Application Processor</td>
</tr>
</tbody>
</table>
| Network<sup>11,12</sup> | 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)<sup>2</sup> | S20: 4,000mAh  
Wired super fast charging<sup>3</sup> and wireless fast charging, wireless charging compatible with WPC/PMA |
| Memory<sup>13</sup>/ Storage<sup>14</sup> | S20: 12 GB/128 GB; expandable up to an additional 1 TB with microSD card<sup>15</sup> |
| Audio | MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RITTL, RTX, OTA, DFF, DSF, APE |
| Video | MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM |
| Connectivity<sup>16</sup> | 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<sup>12</sup> | IP68<sup>17</sup>, Knox, Wireless PowerShare<sup>4</sup>, Samsung DeX<sup>5</sup>, Bixby, Samsung Pass, Samsung Internet, Stealth mode, Night-Vision mode, Tactical Application Quick Launch button, Lock Screen Auto-rotate, Auto Touch Sensitivity |

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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. Water-resistant in up to 5 feet of water for up to 30 minutes. Rinse residue and dry device after getting it wet.