

# RF-3577-100TE

## Galaxy S20 Tactical Edition

GENERAL	
Processor	Qualcomm® Snapdragon® 865 (SM8250), Octa-Core 2.8 GHz, 64-bit, 7nm Application Processor
Network <sup>1,2</sup>	LTE Cat 20 S20: Sub-6 5G
Operating System	Android 10 with One UI 2
Battery (Typical) <sup>3</sup>	4,000 mAh; Wired super fast charging <sup>4</sup> and wireless fast charging, wireless charging compatible with WPC/PMA
Memory <sup>5</sup> /Storage <sup>6</sup>	12 GB/128 GB; expandable up to an additional 1 TB with microSD card <sup>7</sup>
Sensors	Accelerometer, Barometer, Ultrasonic Fingerprint, Geomagnetic, Gyro, Hall, Proximity, RGB Light
PHYSICAL	
Dimensions	2.7 W x 6.0 H x 0.3 D in (6.86 W x 15.24 H x 0.73 D cm)
Weight	5.7 oz (162 g)
Color	Cosmic Gray
DISPLAY <sup>8</sup>	
Size	6.2 in WQHD+ Dynamic AMOLED 2.0, bezel-less screen
Resolution	3200 x 1440 px
Refresh Rate <sup>9</sup>	Supports both 60 Hz and 120 Hz
CAMERA	
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
Front	Wide: 10MP, 2PD, AF, F2.2
Video Recording	Front and Rear: 4K up to 60 fps and 8K at 24 fps
FILE FORMATS	
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



The RF-3577-100TE is a COTS-military smartphone with tailored software that easily connects to tactical radios and mission-critical devices, out of the box.

Dedicated connections with multiple mission systems including laser range finders, external GPS devices, drones and more keep you connected in degraded and highly-contested network environments.

The RF-3577-100TE is tested and fielded by special forces in tactical operations. Certified to meet the most stringent requirements including NSA's CSfC Component's List, NIAP Common Criteria/MDFPP, DODIN APL, FIPS 140-2, DISA Android 10 STIG, IP68 rating.

CONNECTIVITY	
Wi-Fi	802.11 a/b/g/n/ac/ax (2.4G/5 GHz)
Wi-Fi Direct	HE80, MIMO, 1024QAM
Bluetooth	5.0 (LE up to 2 Mbps), ANT+
Location <sup>10</sup>	GPS, GLONASS, Galileo, BeiDou
USB	3.1 Gen 1 Type-C, NFC, PC Sync (Smart Switch, PC version)

ADDITIONAL FEATURES	
IP68 <sup>11</sup> , Knox <sup>12</sup> , Wireless PowerShare <sup>13</sup> , Samsung DeX <sup>14</sup> , Bixby, Samsung Pass, Samsung Internet, Stealth mode, Night-Vision mode, Tactical Application Quick Launch button, Lock Screen Auto-rotate, Auto Touch Sensitivity	

- <sup>1</sup> Requires optimal 5G network connection, available in select markets.
- <sup>2</sup> May differ by market and mobile operator.
- <sup>3</sup> 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.
- <sup>4</sup> 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.
- <sup>5</sup> Total amount of available memory may be less based on configuration.
- <sup>6</sup> Portion of storage occupied by existing content.
- <sup>7</sup> MicroSD card sold separately.
- <sup>8</sup> Measured diagonally, 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.
- <sup>9</sup> Default display mode is 60 Hz. Requires screen setting at 120 Hz screen mode.
- <sup>10</sup> Galileo and BeiDou coverage may be limited.
- <sup>11</sup> Water-resistant in up to 5 feet of water for up to 30 minutes. Rinse residue and dry device after getting it wet.
- <sup>12</sup> 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](https://samsung.com/knox) for full list of Knox certifications.
- <sup>13</sup> Works with Qi compatible Samsung devices (compatibility with non-Samsung Qi devices not guaranteed). Speed and power efficiency of charge varies by device.
- <sup>14</sup> Using genuine Samsung HDMI adapter or cable for Samsung DeX is recommended. Accessories and monitor sold separately.

## RF-3577-100TE

© 2022 L3Harris Technologies, Inc. | 06/2022 SP227  
Trademarks and trade names are the property of their respective companies.

### Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across space, air, land, sea, and cyber domains.



**L3HARRIS™**  
FAST. FORWARD.

1025 W. NASA Boulevard  
Melbourne, FL 32919