

# SafeCase™ Tech Specs for Galaxy S21

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## SUMMARY

<b>Processor</b>	ARM processor with cryptographic coprocessor and anti-tamper protection
<b>Storage</b>	1 GB flash
<b>Battery</b>	LiPolymer (LiPo) 3.8 V, 2000 mAh – up to 20 hours of privacy protection
<b>Dimensions</b>	73 mm (2.8 inches) x 179 mm (7 inches)
<b>Weight</b>	148 grams (5.2 ounces)
<b>Connectivity</b>	Bluetooth, WiFi, NFC tag
<b>Audio</b>	Audio masking and voice passthrough speakers, digital microphones
<b>Camera</b>	Front and rear camera protection via mechanical shutters
<b>Sensors</b>	GPS, gyroscope, accelerometer, magnetometer, ambient audio detector, ambient light sensor
<b>Ports</b>	USB-C charging port
<b>UI-LEDs</b>	Mode indication, battery status/power, LED brightness control, audio tone control
<b>UI-Speaker</b>	Power, notifications
<b>Buttons</b>	Power, Push-to-Talk, Brightness Control, Volume Control

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## BATTERY AND BATTERY LIFE

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- Protected mode: up to 18 hours
- Charge time: 80% charged in 2 hours<sup>1</sup>

## CONNECTIVITY

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- Bluetooth
- WiFi
- NFC tag

## AUDIO

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Digital signal processor for optimum audio quality and secure voice masking

- Masks speech intelligibility up to voice level of 90 dBA<sup>2</sup>
- Masks speech presence up to voice level of 80 dBA<sup>2</sup>

## SENSORS

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- GPS
- Three-axis gyroscope
- Three-axis accelerometer
- Three-axis magnetometer
- Ambient light detector
- Ambient audio detector

## PORTS

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Micro USB-C charging port

- Simultaneously charges SafeCase and Galaxy S21

## USER INTERFACE

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### LEDs

Corner Indicator LEDs

- Protected Mode: Green
- Unprotected Mode: Red
- Voice Passthrough Mode (camera protection remains engaged): Red

Power LEDs

- Displays battery power level and charging status

### BUTTONS

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Power Button

- Powers case off/on

Push-to-Talk Button

- Enables Voice Passthrough Mode

Brightness Button

- Controls LED brightness

Volume Button

- Controls speaker volume

### MOTOR

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Motor mechanism controls opening/closing of camera shutters.

<sup>1</sup> Tested with 5W/1A charging supply on the battery at 3% of its full capacity.

<sup>2</sup> Tested one meter from audio source.

