

SafeCase™ Tech Specs for iPhone 12



SUMMARY

Processor	ARM processor with cryptographic coprocessor and anti-tamper protection
Storage	1 GB flash
Battery	LiPolymer (LiPo) 3.8 V, 2000 mAh – up to 20 hours of privacy protection
Dimensions	79 mm (3 inches) x 170 mm (6.7 inches)
Weight	142 grams (5 ounces)
Connectivity	Bluetooth, WiFi, NFC tag
Audio	Audio masking and voice passthrough speakers, digital microphones
Camera	Front and rear camera protection via mechanical shutters
Sensors	GPS, gyroscope, accelerometer, magnetometer, ambient audio detector, ambient light sensor
Ports	USB-C charging port
UI-LEDs	Mode indication, battery status/power, LED brightness, audio tone volume
UI-Speaker	Power, notifications
Buttons	Power, Push-to-Talk, Brightness Control, Volume Control

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BATTERY AND BATTERY LIFE

- Protected mode: up to 18 hours
- Charge time: 80% charged in 2 hours¹

CONNECTIVITY

- Bluetooth
- WiFi
- NFC tag

AUDIO

Digital signal processor for optimum audio quality and secure voice masking

- Masks speech intelligibility up to voice level of 90 dBA²
- Masks speech presence up to voice level of 80 dBA²

SENSORS

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

PORTS

Micro USB-C charging port

USER INTERFACE

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

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

Motor mechanism controls opening/closing of camera shutters.

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

² Tested one meter from audio source.

