

Mobile and Tablet Compatibility Criteria

Product: echOpen ON (mobile application)

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1. Purpose and Scope

This document presents the public mobile and tablet compatibility criteria and the current tested-device status applicable to echOpen ON when used with the echOpen O1 ultrasound probe.

This extract identifies:

- the mobile and tablet compatibility criteria applicable to echOpen ON,
- the supported device families and official distribution channels,
- the current recommended devices derived from validation evidence,
- the current known incompatible devices identified during validation.

The recommended and incompatible device status below is based on the currently available validation evidence.

Devices listed in 4.1. are the current recommended tested devices. Devices listed in 4.2. are the current known incompatible tested devices.

2. Supported devices and distribution channels

2.1. Supported device families

The supported mobile-device families are:

- iPhone
- iPad
- Android smartphone
- Android tablet

2.2. Excluded device families

The following device families are excluded from the compatibility perimeter, even when they run Android, iOS, iPadOS, or related operating systems:

- connected watches
- television or media devices
- automotive or embedded control devices
- any non-mobile device that is not a smartphone or tablet

2.3. Official distribution channels

echOpen ON shall be acquired through the official distribution channel applicable to the supported family:

- Apple App Store for iPhone and iPad
- Google Play Store for Android smartphones and tablets

Official-store distribution is required so that users receive the controlled application package and the applicable platform and device prerequisites are checked before installation.

3. Compatibility criteria

A compatible device shall:

- belong to one of the supported families identified in 2.1. ,
- allow installation and start of echOpen ON from the applicable official store,
- meet the current controlled OS baseline:
 - iOS 17 and above for Apple smartphones and tablets
 - Android 10 and above for Android smartphones and tablets
- allow the user to pair the ultrasound probe,
- display the live ultrasound image without serious crash, freeze, slow rendering, or distorted display issue during the validated use scenario.

If you experience any issues when downloading, installing, or logging in to the echOpen ON app, either during your first use or later, including issues with device pairing or live display, please contact echOpen: support@echopen.com

We will be able to guide you through the actions to be taken and the internal investigations required to identify the most appropriate solution to the issue you have encountered.

The devices listed in Section 4.1 have been tested and are currently recommended for use. The devices listed in Section 4.2 have also been tested and are currently known to be incompatible.

4. Current tested-device status

4.1. Recommended smartphones and tablets

The following devices have been tested and are currently recommended based on the available validation evidence. This recommendation applies to the latest software version available on the market.

4.1.1. Apple smartphones

OS version tested	Models tested
iOS 17	• iPhone 11 Pro • iPhone 11 Pro Max • iPhone 12 Pro • iPhone 13 mini • iPhone 14 Plus • iPhone 15
iOS 18	• iPhone XR • iPhone 13 Pro • iPhone 14 Pro Max • iPhone SE (2020)
iOS 26	• iPhone 12 Mini

4.1.2. Apple tablets

OS version tested	Models tested
iOS 18	• iPad Mini 6
iOS 26	• iPad Pro 13" 5th Gen

4.1.3. Android smartphones

OS version tested	Models tested
Android 10	• Sony Xperia 5
Android 11	• OnePlus 7 Pro • OnePlus 8T • Realme 8 5G

OS version tested	Models tested
Android 12	• Samsung Galaxy A21S • Samsung Galaxy Z Flip 3 • Xiaomi Redmi Note 12 Pro • Huawei Mate 20 Pro • Vivo X60 Pro
Android 13	• Samsung Galaxy S20 FE • Samsung Galaxy Note 20 Ultra 5G • Samsung Galaxy Z Fold5 • Google Pixel 4 • Google Pixel 7 Pro • Xiaomi Mi 11 • Xiaomi Redmi Note 13 Pro • Motorola RAZR 40 Ultra • Realme GT 5G • Sony Xperia 5 III
Android 14	• Samsung Galaxy A14 5G • Samsung Galaxy S21 Ultra 5G • Samsung Galaxy S24 • Samsung Galaxy S24 Ultra • Samsung Galaxy A54 5G • Samsung Galaxy S21 FE 5G • Samsung Galaxy S23 Ultra • Google Pixel 6 Pro • OnePlus 10 Pro • OnePlus 9 Pro • OnePlus Nord 2T • Xiaomi 11T Pro • Xiaomi 12T Pro • Xiaomi 13 • Xiaomi Poco F5 • Oppo Reno10 5G

OS version tested	Models tested
Android 15	• Google Pixel 8 • Honor 200 • Honor 90 Lite • Fairphone 4
Android 16	• Google Pixel 7

4.1.4. Android tablets

OS version tested	Models tested
Android 15	• Samsung Galaxy TabS10+

4.2. Known incompatible smartphones and tablets

The following devices have been tested and found to be incompatible with the latest software version available on the market.

Brand	Model	OS tested	Observed issue
Huawei	Honor 50	Android 13	Impossible to pair the probe with the flashcode workflow or with manual pairing.
Lenovo	Tab M7 Gen3	Android 11	Tablet crashes during the test and does not provide sufficient performance.
Motorola	One Hyper	Android 11	Enabling AI assistance caused significant lag and degraded image quality.

Version History

Version	Description	Version Date
1	Initial version	2022-12-05
2	Update from PROD202248	2023-03-01
3	Improvements Round 1 (addendum questions): echOpen ON V0	2023-11-14
4	Update of compatible smartphones list: echOpen ON V1.1	2024-04-16
5	Update of compatible smartphones list: echOpen ON V2.1	2024-10-07
6	Update of compatible smartphones list: echOpen ON V2.20	2024-11-01
6.1	Update of compatible smartphones list: echOpen ON V2.20	2025-02-28
6.2	Update of compatible smartphones list: echOpen ON V2.21	2025-04-15
6.3	Update of compatible smartphones and tablets: echOpen ON V2.30	2025-09-04
6.4	Update of compatible smartphones and tablets: echOpen ON V2.40	2026-02-16
7.0	CC-2026-004 : Mobile application echOpen ON V3.0 Update of the end-user communication regarding the list of smartphones and tablets and their selection criteria, based on operating system and software capabilities.	2026-06-15