

Software Development Kit (Face AR SDK) benchmarks for reference purposes.

The below mentioned numbers are for benchmarking and reference purposes. Banuba does not guarantee the reproducibility of any performance and quality benchmarks. Approximate performance and quality is listed below.

SDK Version	Platform	Environment	Features (relation)	FPS	SDK Version	Platform
v1.17.0	Android	Pixel 7a	Background	30	v1.17.0	Android
v1.17.0	Android	Pixel 7a	Neural FRX	30	v1.17.0	Android
v1.17.0	iOS	iPhone Xr	Background	30	v1.17.0	iOS
v1.17.0	iOS	iPhone Xr	Neural FRX	30	v1.17.0	iOS
v1.17.0	Web	Dell G7 15 Intel(R) i7-10750H 2.60GHz	Background	30	v1.17.0	Web
v1.17.0	Web	32gb Windows 10 Pro version 22H2 Firefox	Neural FRX	30	v1.17.0	Web
v1.17.0	Windows	Dell G7 15 Intel(R) i7-10750H 2.60GHz	Background	90	v1.17.0	Windows
v1.17.0	Windows	32gb Windows 10 Pro version 22H2	Neural FRX	75	v1.17.0	Windows
v1.17.0	MacOS	MacBook Pro 16-inch, 2019 2,6 GHz 6-core	Background	500	v1.17.0	MacOS
v1.17.0	MacOS	Intel i7, macOS Sequoia 15.0.1	Neural FRX	500	v1.17.0	MacOS

**FPS is an output FPS taking into account renderer and processing.*

Face AR SDK benchmarks could be affected by:

- face shape,
- colour and textures of the backgrounds,
- light conditions,
- OS version,
- drivers, patches,
- system updates,
- software installed in the device,
- internet connection,
- application opened in the background, etc.

By signing the Terms the Customer accepts possible discrepancies in SDK performance and refrains from making any claims in respect of it.

The Contractor warrants Face AR SDK is compatible with:

a. iOS Devices as follows:

iPhone 7 and later

iOS 15 and later

b. Android Devices as follows:

Minimum Specifications

- Operating System (OS): Android 8.0 (Oreo) or higher
- Processor (CPU): ARM Cortex-A53 (or equivalent), quad-core, 1.4 GHz or higher
- RAM: 1 - 2 GB
- Camera: Support for at least 360p (640×360) resolution

Reference low-end Devices

- Xiaomi Redmi Go (1 GB RAM, Android Go)
- Samsung Galaxy A5 (early models with 2 GB RAM)

Banuba does not support the following devices and does not guarantee the functioning of Face AR SDK in any way on these devices:

- Kernel architecture ARMv8-32

The Software bugs and crash fixing on iOS and Android devices, **not mentioned hereinabove**, is subject to a separate written agreement between the Parties.

List of Third-Party Software - https://docs.banuba.com/far-sdk/tutorials/capabilities/3rd_licenses