

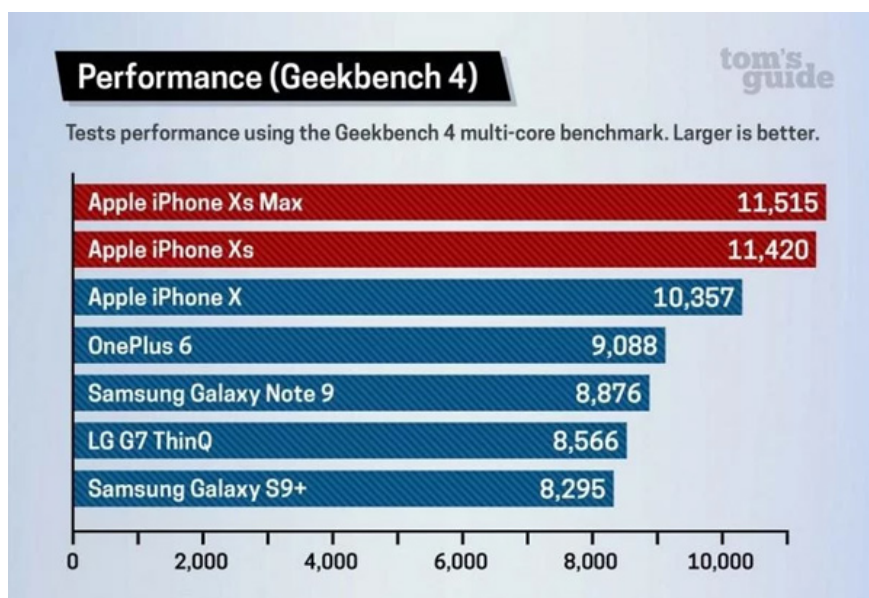
The performance point of the Apple A12 chip on the iPhone Xs, the Xs Max outperformed the Snapdragon 845

In the tests, the iPhone Xs duo will be compared with the current iPhone X and the top Android flagships currently using Snapdragon 845 chips for performance.

Once available on the hands of iPhone Xs and iPhone Xs Max, reporters at Tom's Guide have begun testing them on various performance and graphics grading software. The Apple iPhone trio is equipped with Bionic A12, the chip is built on 7nm process.

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The software used in the tests included Geekbench 4, 3Dmark Slingshot Extreme and GFXBench 5.0 / Meta. As a result, the Apple A12 multi-core performance outperformed the Apple A11 chip and surpassed most high-end smartphones currently on the market.



3DMark Slingshot Extreme (Graphics)

OnePlus 6	5,124
Galaxy Note 9	4,639
Galaxy S9+	4,634
iPhone XS Max	4,339
iPhone XS	4,244
LG G7 ThinQ	4,201

GFXBench 5.0/Metal

	Aztec Ruins	Car Chase
iPhone XS Max	1,604.7 frames	1,744.44 frames
iPhone XS	1,774.1 frames	1,674.3 frames
Galaxy Note 9	851.7 frames	1,103 frames
Galaxy S9+	1,339 frames	1,783 frames

In addition, the iPhone Xs is also tested with real-world applications such as opening popular games or editing and exporting 4K videos in 2-minute lengths to Full HD videos. As a result, the iPhone Xs continues to prove the tremendous power of the Apple A12 chip.

App Open Times (Lower is better)

	Fortnite	Pokémon Go	Asphalt 9	Tekken
iPhone XS Max	20.8 seconds	4.9 seconds	6.17 seconds	18.76 seconds
iPhone X	26 seconds	7.2 seconds	10 seconds	19.7 seconds
Galaxy Note 9	35 seconds	7.2 seconds	9.1 seconds	29.38 seconds

Video Editing (Transcode 2-minute 4K clip to 1080p)

iPhone XS Max	39 seconds
iPhone XS	39 seconds
iPhone X	43 seconds
Galaxy S9+	2:32
LG G7 ThinQ	3:16
OnePlus 6	3:45
Galaxy Note 9	N/A*

See more:

1. Discover the interior of the iPhone Xs
2. Finally there was information about the battery capacity of three iPhone Xs, iPhone Xs Max and iPhone Xr
3. iPhone Xs and Xr can work even when the battery is empty
4. Highlights on the iPhone Xs duo

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