

# Apple contacts 3 camera module suppliers for iPhone 12

'Apple defects' usually do not depend on a fixed manufacturer to provide components for computers that are divided into many different units.

A number of reputable sources related to the component supply chain in Taiwan said that Apple is planning to divide the order of camera modules on iPhone 12/12 Pro for 3 different companies.

LG, the South Korean electronics company that usually supplies OLED screens to iPhones, has an additional year of contracting the supply of camera modules to Apple's smartphones, through its subsidiary LG Innotek. According to *Phone Arena*, LG will be in charge of producing cameras for iPhone 12 Pro (6.1 inches) and iPhone 12 Pro Max (6.7 inches). The duo is expected to own an upgraded 3-sensor system with a new LiDAR scanner.

The total orders for both modules are estimated at 35 to 40 million units by the end of 2020. Thus, it can be seen that Apple is putting high expectations on the market for 5G smartphones.

Sharp and O-film Tech are the other two manufacturers that have contracted to produce cameras for this year's iPhone 12 models. However, the two companies will focus on making modules for the iPhone 12 (5.4 inches) and iPhone 12 Pro. The source revealed Apple has ordered 50 to 55 million modules by the end of this year. Sharp will be in charge of about 30 million to 38.5 million modules (60 - 70%), the rest belongs to O-film Tech. iPhone 12 is expected to upgrade the dual camera system on the current iPhone 11, and without LiDAR Scanner to reduce product costs.

Production of the new camera will start from July. Meanwhile, the commercial production of iPhone 12 and iPhone 12 Pro will start from September instead of August as usual, and the launch will move to January. 10. The introduction event can be done online or traditionally depending on the situation of Covid-19 at the time. Apple also plans to introduce augmented reality glasses, but it will be postponed to the first quarter of 2021. Not only changes in the camera cluster, experts also believe that the "apple house" will update the TrueDepth camera system on the front, improve performance and reduce the size. As a result, the notch (notch) on the screen will be significantly smaller than previous generations, but still not as compact as the water drop design on many Android smartphones available on the market.

The bezels around the screen may also be thinner, similar to many Android flagships. Besides, 120 Hz ProMotion display technology is also being developed.

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