

Xiaomi claims a number of firsts with the Mi Mix Alpha-- a foldable smartphone featuring a "Surround Screen" with a 180.6% screen-to-body ratio, as well as a 108MP camera able to capture 12032 x 9024 resolution photos.



The Mi Mix Alpha builds on previous Xiaomi experiments in Full Screen Display smartphones, such as the first Mi Mix device. The foldable take on the concept promises construction in a "one-of-a-kind" combination of titanium alloy, ceramics and sapphire, and has the display make nearly the entirety of the front, side and back. The company says the display can withstand the stresses brought about by bending, while a durable protective layer brings further strength.

The device also replaces the physical side buttons with pressure-sensitive sides complete with

a linear motor to simulate the touch of real button. Another traditional component it replaces is the earpiece receiver. Instead, the Mi Mix Alpha features a "brand-new acoustic technology" acting as both the earpiece and proximity sensor.

Another highlight of the device is the 108MP camera-- one complete with a large 1/1.33-inch sensor with four-in-one Super Pixel support allowing it to produce 1.6µm pixels under low-light conditions. It also includes ISOCELL Plus and smart ISO technologies, as well as a four-axis optical image stabilisation. This shooter is just part of a rear-facing 3-camera array, and is joined by a 20MP ultra-wide angle camera with support for 1.5cm super macro photography and a 12MP telephoto camera with 2x optical zoom and Dual PD focus.

Moving on to the internals, the Mi Mix Alpha carries a Snapdragon 855+ processor, 12GB RAM, 512GB storage and a 4050mAh battery with 40W fast charging support. As one might expect, it supports 5G connectivity, at least in mainland China, where it first launches on December 2019.

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