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iFixit tears down the iPhone 6s, finds smaller battery, large Taptic Engine

By Tim Schiesser September 25, 2015 at 9:30 AM

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Apple's new iPhones are hitting doorsteps and retail stores around the globe today, which means it's time for the annual iPhone teardown from the folks at iFixit, who today have the iPhone 6s in rose gold to take apart and examine.

The iPhone 6s is marginally larger than the iPhone 6 due to its use thicker 7000 Series aluminium enclosure, preventing a recurrence of the "bendgate" controversy from last year. Internally the layout of both devices are similar, although the newer iPhone 6s does feature new and improved hardware.

APPLE 1021

the large Taptic Engine below the battery, which provides natural haptic feedback when using the device.

The Apple A9 SoC inside the iPhone 6s is paired with LPDDR4 RAM from Samsung, as well as an MDM9635M Category 6 LTE modem from Qualcomm. Scattered around the logic board are several power amplifiers and management modules, as well as 16 GB of Toshiba 19nm NAND (in the model iFixit purchased) and a newer NXP NFC controller.

In general iFixit says the iPhone 6s is a relatively easy phone to repair, especially the display, which is removed first during the disassembly process. The use of proprietary screws on the outside is still a pain, but iFixit still scored the phone a seven out of ten on the repairability scale.

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