

Overview of Recent Apple Hardware Releases

SBAMUG Meeting July 28, 2021
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October 2020

- iPad Air 11 inch, 4th Gen., with 40% faster A14 chip, Fingerprint Scanner
 - 5 body colors, All-screen (10.9 inch) LED/Retina display
 - Wi-Fi 6 and Bluetooth 5

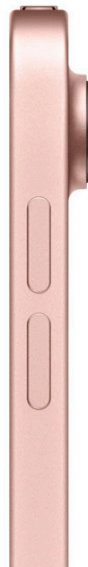
Silver



Space Gray



Rose Gold



Green



Sky Blue



October 2020 continued

- iPhone 12 Mini 5G with A14 Bionic chip
 - Larger-diagonal, OLED all-screen (smaller body) and better (dual) cameras than the 2nd Gen. SE with A13 Bionic chip, but \$300 more
 - No fingerprint sensor, but better battery life
 - \$100 less than the regular iPhone 12



November 2020

- macOS Big Sur Operating System
 - Rosetta 2 enables Intel-based apps to run on new M1-based hardware
- The M1 chip and USB-4, Wi-Fi 6, Bluetooth 5 on 3 new Macs:
 - MacBook Pro 13 inch: better battery life, fans yes, but no more butterfly keyboards!
 - MacBook Air: almost noiseless, similar to MacBook Pro in performance
 - Mac Mini: HDMI & Thunderbolt external-display ports, Ethernet, Audio

November continued-1

- Mac mini front/back



- MacBook Air colors



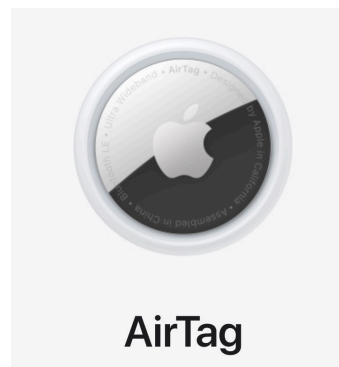
November continued-2

- MacBook Pro 13 inch with Apple M1 SoC (system-on-a-chip)



April 2021

- Apple TV 4K 2nd Gen. using A12 Bionic chip, with all-new Siri remote
- iPad Pro 3rd Gen., 5G, 11 inch Liquid Retina display, with M1 chip
- iPad Pro 5th Gen., 5G, 12.9 inch Liquid Retina XDR display, with M1 chip
- Air Tags: Find My; Precision Finding on iPhone 11/12



May 2021

- 24 inch IMac with M1 chip (replaces the 21 inch model with Intel chip), Bluetooth 5, Wi-Fi-6, 4.5K Retina Display, 1080p FaceTime Camera with M1 image processor, magnetic power plug, External Power Adapter with optional Gigabit Ethernet ports, 3 microphones, 6 speakers, support limited to one external 6K display via USB-C
 - Base Model: 4 colors (silver, pink, blue, green) color-matching Keyboard & Mouse or TrackPad, Two USB-4 Ports, 8 Cores, 8 GB Unified Memory, (Max. Memory 16 GB), 256 SSD (Max SSD 1 TB), 7-core GPU, Configurable options for Touch ID and Numeric Keypad on Keyboard, and 16 GB memory
 - Other Model: 7 colors (add purple, orange, yellow) color-matching Keyboard with Touch ID, Mouse or Track Pad, Two USB-4 Ports, Two USB-3 Ports, 8 Cores, 8 GB Unified Memory, (Max. Memory 16 GB), 256 or 512 GB SSD (Max. SSD 2 TB), 8-Core GPU, Configurable options for Numeric Keypad on Keyboard, and 16 GB memory



24-Inch iMac Colors

Model-Change Comments

- Recent slimming down of computer enclosures has resulted in deletion of many classic connectors such as Ethernet, 120 Volt Power, USB-A, and also frustrating access for maintenance of the innards.
- Absence of a touchable display on Macs while moving apps from the IOS world into the laptop/desktop computers, even if there is a TrackPad accessory, may cause user confusion and complaints.

Expected in Fall 2021

- Series 7 Apple Watch
- iMac 27 inch with improved/faster M1 chip
- MacBook Pro 14 & 16 inch with M1 chip and Mag-Safe feature
- iPhone 13 with improved cameras on Pro models
- iPad OS 15 with new multitasking controls