$2799

Display

**Retina display**

* 15.4-inch (diagonal) LED-backlit display with IPS technology; 2880-by-1800 native resolution at 220 pixels per inch with support for millions of colors
* Supported scaled resolutions:
  + 1920 by 1200
  + 1680 by 1050
  + 1280 by 800
  + 1024 by 640
* 500 nits brightness
* Wide color gamut (P3)

Processor

**2.6GHz**

* 2.6GHz quad-core Intel Core i7, Turbo Boost up to 3.5GHz, with 6MB shared L3 cache

Configurable to 2.9GHz quad-core Intel Core i7, Turbo Boost up to 3.8GHz, with 8MB shared L3 cache

Storage1

* 256GB
* 256GB PCIe-based onboard SSD
* Configurable to 512GB, 1TB, or 2TB SSD

Memory

* 16GB
* 16GB of 2133MHz LPDDR3 onboard memory

Graphics

* Radeon Pro 450 with 2GB of GDDR5 memory and automatic graphics switching
* Intel HD Graphics 530

Configurable to Radeon Pro 460 with 4GB of GDDR5 memory and automatic graphics switching

Charging and Expansion

**Four Thunderbolt 3 (USB-C) ports with support for:**

* Charging
* DisplayPort
* Thunderbolt (up to 40 Gbps)
* USB 3.1 Gen 2 (up to 10 Gbps)

Keyboard and Trackpad

**Full-size backlit keyboard with:**

* 64 (U.S.) or 65 (ISO) keys including 4 arrow keys
* Touch Bar with integrated Touch ID sensor
* Ambient light sensor
* Force Touch trackpad for precise cursor control and pressure-sensing capabilities;   
  enables Force clicks, accelerators, pressure-sensitive drawing, and Multi-Touch gestures

Wireless

**Wi-Fi**

* 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible

**Bluetooth**

* Bluetooth 4.2 wireless technology
* Camera
* 720p FaceTime HD camera

Video Support

**Simultaneously supports full native resolution on the built-in display at millions of colors and:**

* Up to two displays with 5120-by-2880 resolution at 60Hz at over a billion colors
* Up to four displays with 4096-by-2304 resolution at 60Hz at over a billion colors

**Thunderbolt 3 digital video output**

* Native DisplayPort output over USB‑C
* VGA, HDMI, and Thunderbolt 2 output supported using adapters (sold separately)

Audio

* Stereo speakers with high dynamic range
* Three microphones
* 3.5 mm headphone jack

Battery and Power8

* + Up to 10 hours wireless web
  + Up to 10 hours iTunes movie playback
  + Up to 30 days of standby time
  + Built-in 76.0-watt-hour lithium-polymer battery
  + 87W USB-C Power Adapter

Electrical and Operating Requirements

* **Line voltage:** 100V to 240V AC
* **Frequency:** 50Hz to 60Hz
* **Operating temperature:** 50° to 95° F (10° to 35° C)
* **Storage temperature:** –13° to 113° F (–25° to 45° C)
* **Relative humidity:** 0% to 90% noncondensing
* **Operating altitude:** tested up to 10,000 feet
* **Maximum storage altitude:** 15,000 feet
* **Maximum shipping altitude:** 35,000 feet

Size and Weight

* **Height:** 0.61 inch (1.55 cm)
* **Width:** 13.75 inches (34.93 cm)
* **Depth:** 9.48 inches (24.07 cm)
* **Weight:** 4.02 pounds (1.83 kg)3
* Operating System

#### macOS Sierra

* macOS is the operating system that powers everything you do on a Mac. macOS Sierra introduces Siri to Mac4 — along with new ways to enjoy your photos, shop more securely online, and work more seamlessly between devices.
* Accessibility
* Accessibility features help people with disabilities get the most out of their new MacBook Pro. With built-in support for vision, hearing, physical and motor skills, and learning and literacy, you can create and do amazing things.