



Maxthon Performance Compared

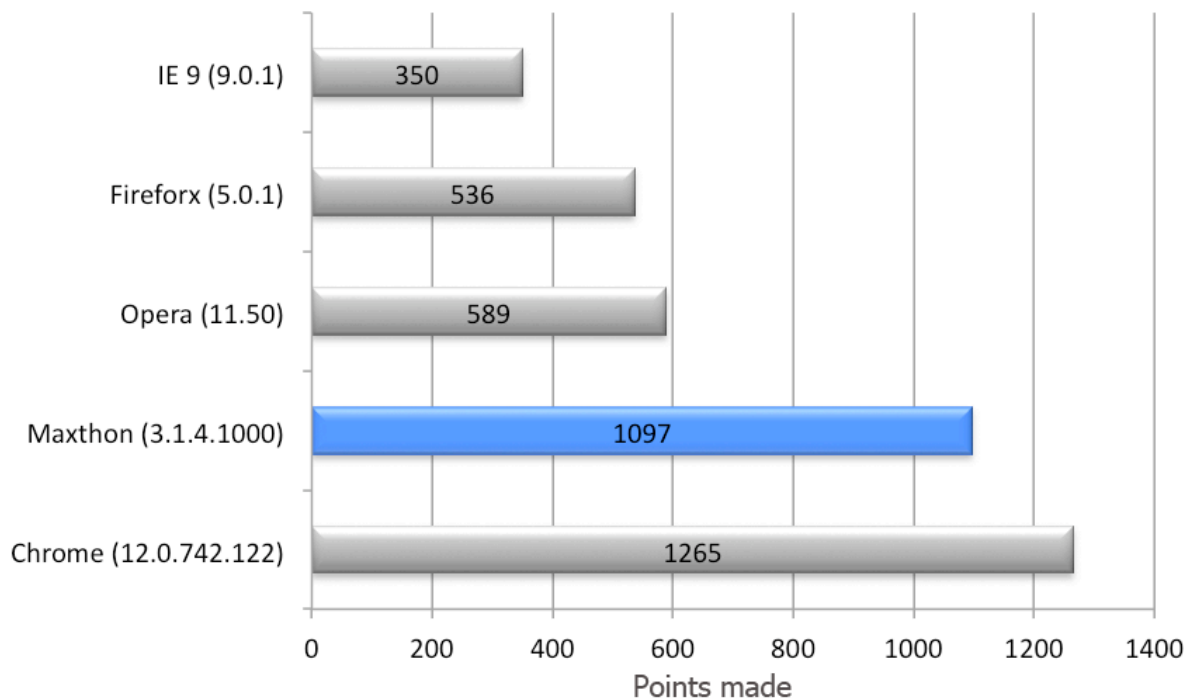
Speed
Memory Usage
Rendering Capability

Speed

The performance of a web browser is measured across several key indices. When viewed across all/the major tests and placed against the competition, Maxthon is the best-all-around performing web browser in the world.

A large part of web browser performance stems from how quickly and efficiently it processes JavaScript. Maxthon uses the open source JavaScript engine V8, and has optimized processing upstream and downstream of where V8 works its magic. Despite all of the resources at Google's disposal, Maxthon and Chrome are virtually tied, depending on the hardware used for any specific test.

V8 JavaScript Engine: Bigger Is Better!



DNS pre-fetching

Maxthon solves the most time consuming aspect of web surfing, the time wasted from the moment a link is clicked to the moment the page actually loads in the browser with *DNS pre-fetching*. It fetches IP addresses before they are called on a website. When you click on a link, Maxthon is already prepared to serve you the website you were looking for.

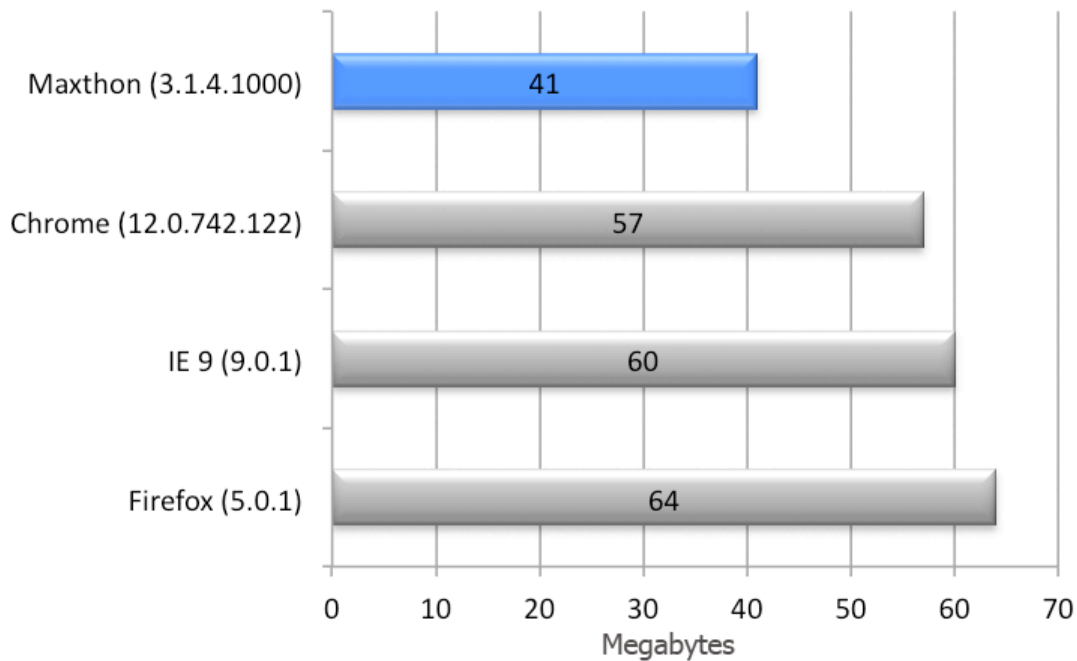
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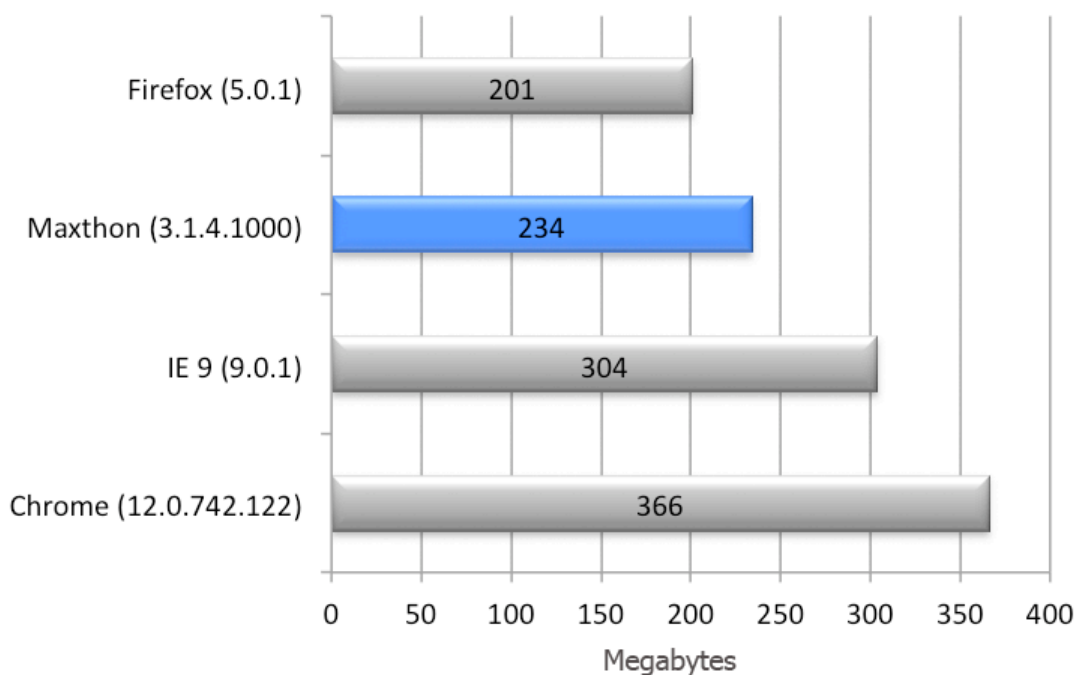
Memory Usage (back to top)

In terms of memory usage, which speaks to a browser’s ability to be both effective and efficient, Maxthon manages its resources extremely well. From average to extreme web usage scenarios, Maxthon uses less memory than the competition. More available memory offers an across-the-board performance boost. Only one other browser competes with Maxthon, as it relates to managing memory when 10 or more tabs are open.

Memory Usage: 1 Tab



Memory Usage: 10 Tabs Open





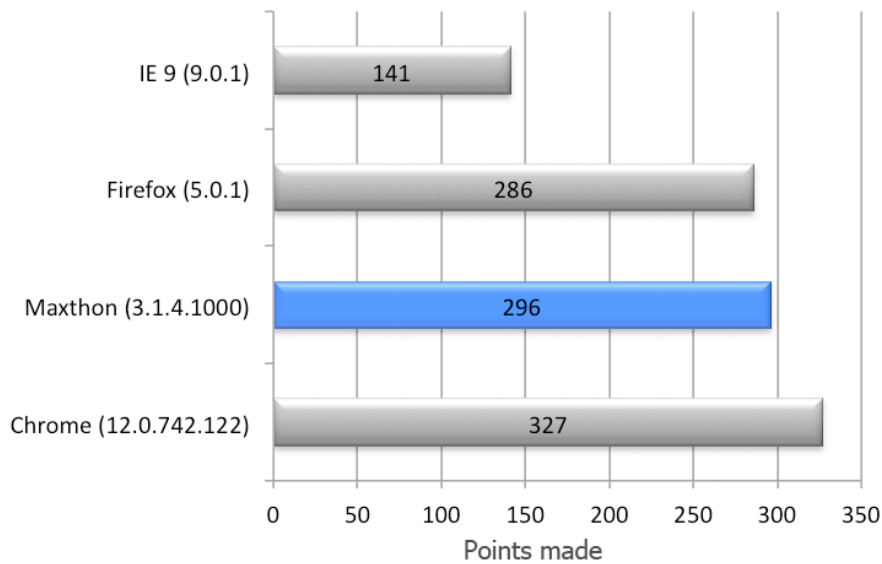
Rendering Capability (back to top)

Another key indicator that measures browser performance is how quickly and well it parses and renders all of the HTML, CSS and JavaScript that makes up a web page. Doing this well requires a commitment to web standards and a great 'engine' that efficiently parses, reads and renders all of the code that goes into a high performance web page.

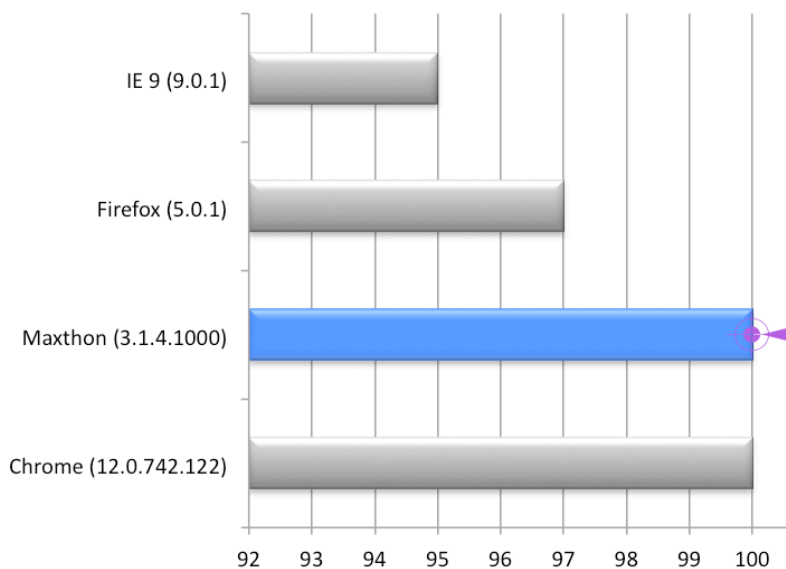
Like most state of the art browsers, Maxthon relies on the Webkit rendering engine. Unlike our competition, Maxthon has an active R & D team in Beijing dedicated to optimizing Webkit for speed increases. Both the HTML 5 and Acid 3 Tests measure how well Maxthon 3 renders web pages. Mx3 scores high marks in both.

Maxthon does very well in the popular html5 Test and scores 296, only surpassed by Chrome. Mx3 achieves the maximum amount of points in the Acid 3 Test.

Html5 Test: Bigger Is Better!



Acid 3 Test: Maxthon Scores 100/100



To pass the test, a browser must use its default settings, the animation has to be smooth and the score has to end on 100/100.