

Default Magento Installation (no optimization)

Test#	1	2	3	4	5	6
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Firebug

homepage response time	612	649	693	664	633	687
homepage load time	861	1030	1110	1070	1040	1080

Webpagetest.org (3 tests) homepage

	Load Time	First Byte	Start Render	Speed Index	DOM Elements	Time	Requests	Bytes In	Time	Requests	Bytes In
First View	3.539	0.732	3.403s	3400	334	3.539s	52	724 KB	3.539s	52	724 KB
Repeat View	1.401	0.518	1.521s	1500							
<i>First View</i>	<i>3.132</i>	<i>0.972</i>	<i>2.590s</i>	<i>2683</i>	<i>334</i>	<i>3.132s</i>	<i>52</i>	<i>724 KB</i>	<i>3.132s</i>	<i>52</i>	<i>724 KB</i>
<i>Repeat View</i>	<i>1.263</i>	<i>0.676</i>	<i>1.323s</i>	<i>1300</i>	<i>334</i>	<i>1.263s</i>	<i>1</i>	<i>23 KB</i>	<i>1.662s</i>	<i>3</i>	<i>32 KB</i>
First View	2.839	1.073	2.807s	2800	334	2.839s	52	724 KB	2.839s	52	724 KB
Repeat View	1.656	0.915	1.796s	1800	334	1.656s	2	30 KB	1.802s	3	32 KB

Google PageSpeed

For Mobile	53	52	52	52	52	52
For Computers	61	61	61	61	61	61

Siege 10 concurrent users

siege -f urls.txt -t5M -c10

Transactions: 682 hits

Availability: 100.00 %

Elapsed time: 300.46 secs

Data transferred: 22.91 MB

Response time: 3.88 secs

Transaction rate: 2.27 trans/sec

Throughput: 0.08 MB/sec

Concurrency: 8.81

Successful transactions: 682

Failed transactions: 0

Siege 30 concurrent users

siege -f urls.txt -t5M -c30

Transactions: 733 hits

Availability: 100.00 %

Elapsed time: 299.62 secs

Data transferred: 23.23 MB

Response time: 11.53 secs

Transaction rate: 2.45 trans/sec

Throughput: 0.08 MB/sec

Concurrency: 28.20

Successful transactions: 733

Failed transactions: 0

Longest transaction:	8.08	Longest transaction:	21.98
Shortest transaction:	1.49	Shortest transaction:	2.25

Starter Plan

Firebug

homepage response time	509	562	478	511	557	604
homepage load time	694	757	684	720	760	795
Category page response	924	780	782	785	863	764
Category page load	1140	982	968	984	1070	967

Webpagetest.org (3 tests) homepage

	Load Time (s)	First Byte	Start Render	Speed Index	DOM Elements	Time	Requests	Bytes In	Time	Requests	Bytes In
First View	2.221	0.685s	2.192s	2200	321	2.221s	39	326 KB	2.221s	39	326 KB
Repeat View	1.458	0.811s	1.585s	1600	321	1.458s	1	5 KB	1.458s	1	5 KB
<i>First View</i>	<i>2.586</i>	<i>0.753s</i>	<i>2.106s</i>	<i>2228</i>	<i>321</i>	<i>2.586s</i>	<i>39</i>	<i>326 KB</i>	<i>2.586s</i>	<i>39</i>	<i>326 KB</i>
<i>Repeat View</i>	<i>1.236</i>	<i>0.576s</i>	<i>1.239s</i>	<i>1200</i>	<i>321</i>	<i>1.236s</i>	<i>1</i>	<i>5 KB</i>	<i>1.236s</i>	<i>1</i>	<i>5 KB</i>
First View	1.963	0.707s	1.888s	1900	321	1.963s	39	327 KB	1.963s	39	327 KB
Repeat View	1.385	0.753s	1.487s	1500	321	1.385s	1	5 KB	1.385s	1	5 KB

Webpagetest.org (3 tests) category page

First View	3.449s	1.674s	2.570s	2865	567	3.449s	43	318 KB	3.519s	43	318 KB
Repeat View	1.307s	0.804s	1.121s	1183	567	1.307s	2	12 KB	1.307s	2	12 KB
First View	3.475s	1.048s	3.389s	3493	567	3.475s	43	318 KB	3.507s	43	318 KB
<i>Repeat View</i>	<i>2.255s</i>	<i>0.916s</i>	<i>1.974s</i>	<i>2000</i>	<i>567</i>	<i>2.255s</i>	<i>2</i>	<i>7 KB</i>	<i>2.255s</i>	<i>2</i>	<i>7 KB</i>
<i>First View</i>	<i>2.732s</i>	<i>0.801s</i>	<i>2.191s</i>	<i>2432</i>	<i>322</i>	<i>2.732s</i>	<i>36</i>	<i>316 KB</i>	<i>2.795s</i>	<i>36</i>	<i>316 KB</i>
Repeat View	1.488s	0.835s	1.187s	1374	322	1.488s	2	10 KB	1.488s	2	10 KB

Google PageSpeed homepage

For Mobile	68
For Computers	86

Google PageSpeed catogory page	
For Mobile	58
For Computers	85

Siege 10 concurent users		Siege 30 concurent users	
Transactions:	697 hits	Transactions:	778 hits
Availability:	100.00 %	Availability:	100.00 %
Elapsed time:	299.97 secs	Elapsed time:	299.82 secs
Data transferred:	4.45 MB	Data transferred:	4.28 MB
Response time:	3.76 secs	Response time:	10.80 secs
Transaction rate:	2.32 trans/sec	Transaction rate:	2.59 trans/sec
Throughput:	0.01 MB/sec	Throughput:	0.01 MB/sec
Concurrency:	8.74	Concurrency:	28.02
Successful transactions:	697	Successful transactions:	778
Failed transactions:	0	Failed transactions:	0
Longest transaction:	7.31	Longest transaction:	19.52
Shortest transaction:	1.32	Shortest transaction:	3.86

Premium Plan

Firebug

homepage response time	394	409	372	334	355	404
homepage load time	567	648	572	534	556	602
Category page rponsece	472	428	513	532	422	433
Category page load	662	637	688	779	634	654

Webpagetest.org (3 tests) homepage

	Load Time	First Byte	Start Render	Speed Index	DOM Elements	Time	Requests	Bytes In	Time	Requests	Bytes In
First View	2.114	0.547s	1.687s	1902	322	2.114s	36	316 KB	2.137s	36	316 KB
Repeat View	1.156	0.502s	0.859s	988	322	1.156s	2	10 KB	1.156s	2	10 KB
First View	2.076	0.509s	1.718s	1901	322	2.076s	36	316 KB	2.098s	36	316 KB
Repeat View	1.227	0.571s	0.910s	988	322	1.227s	2	10 KB	1.227s	2	10 KB
First View	1.631	0.408s	1.221s	1488	322	1.631s	36	316 KB	1.651s	36	316 KB
Repeat View	1.184	0.534s	0.856s	1074	322	1.184s	2	10 KB	1.184s	2	10 KB

Webpagetest.org (3 tests) category page

	Load Time	First Byte	Start Render	Speed Index	DOM Elements	Time	Requests	Bytes In	Time	Requests	Bytes In
First View	1.932	0.579s	1.447s	1637	567	1.932s	43	318 KB	1.952s	43	318 KB
Repeat View	1.37	0.689s	1.093s	1275	567	1.370s	2	12 KB	1.370s	2	12 KB
First View	2.142	0.574s	1.626s	1731	567	2.142s	43	319 KB	2.213s	43	319 KB
Repeat View	1.571	0.473s	1.083s	1193	567	1.571s	2	12 KB	1.571s	2	12 KB
First View	18.837	0.613s	1.502s	1576	18.837s	44	328 KB	19.443s	46	335 KB	
Repeat View	1.002	0.609s	0.915s	940	1.002s	1	6 KB	1.876s	2	11 KB	

Google PageSpeed homepage

For Mobile	71
For Computers	89

Google PageSpeed category page

For Mobile	69
For Computers	86

Siege 10 concurrent users		Siege 30 concurrent users	
Transactions:	2128 hits	Transactions:	1737 hits
Availability:	100.00 %	Availability:	100.00 %
Elapsed time:	300.30 secs	Elapsed time:	300.39 secs
Data transferred:	13.11 MB	Data transferred:	11.29 MB
Response time:	0.90 secs	Response time:	4.63 secs
Transaction rate:	7.09 trans/sec	Transaction rate:	5.78 trans/sec
Throughput:	0.04 MB/sec	Throughput:	0.04 MB/sec
Concurrency:	6.41	Concurrency:	26.79
Successful transactions:	2128	Successful transactions:	1737
Failed transactions:	0	Failed transactions:	0
Longest transaction:	4.39	Longest transaction:	16.70
Shortest transaction:	0.35	Shortest transaction:	1.63

Professional Plan

Firebug

homepage response time	166	167	171	166	167	167
homepage load time	365	334	350	332	334	334
Category page response	170	167	168	167	174	168
Category page load	493	489	506	488	498	488

Webpagetest.org (3 tests) homepage

	Load Time	First Byte	Start Render	Speed Index	DOM Elements	Time	Requests	Bytes In	Time	Requests	Bytes In
First View	1.793	0.377s	1.254s	1523	344	1.793s	39	325 KB	1.850s	39	325 KB
Repeat View	1.093	0.363s	0.617s	721	344	1.093s	5	19 KB	1.093s	5	19 KB
First View	3.04	0.405s	1.498s	2122	344	3.040s	39	326 KB	3.146s	39	326 KB
Repeat View	1.843	0.310s	1.545s	1776	344	1.843s	5	19 KB	1.843s	5	19 KB
First View	1.845	0.267s	1.697s	1735	325	1.845s	39	329 KB	3.832s	40	413 KB
Repeat View	1.054	0.153s	0.697s	1089	325	1.054s	4	26 KB	1.054s	4	26 KB

Webpagetest.org (3 tests) category page

	Load Time	First Byte	Start Render	Speed Index	DOM Elements	Time	Requests	Bytes In	Time	Requests	Bytes In
First View	1.445s	0.370s	1.410s	1407	571	1.445s	46	332 KB	1.497s	47	334 KB
Repeat View	0.756s	0.221s	0.610s	722	572	0.756s	4	29 KB	0.756s	4	29 KB
First View	1.696s	0.219s	1.501s	1586	571	1.696s	46	333 KB	3.634s	47	417 KB
Repeat View	1.065s	0.157s	1.013s	1090	571	1.065s	4	29 KB	1.065s	4	29 KB
First View	1.717s	0.218s	1.499s	1586	571	1.717s	46	333 KB	3.596s	47	417 KB
Repeat View	1.221s	0.155s	0.192s	1272	571	1.221s	4	29 KB	3.258s	4	31 KB

Google PageSpeed homepage

For Mobile	79
For Computers	89

Google PageSpeed category page

For Mobile	66
For Computers	82

Siege 10 concurrent users		Siege 30 concurrent users	
Transactions:	2836 hits	Transactions:	4385 hits
Availability:	99.93 %	Availability:	99.55 %
Elapsed time:	300.36 secs	Elapsed time:	300.28 secs
Data transferred:	36.47 MB	Data transferred:	56.27 MB
Response time:	0.54 secs	Response time:	0.96 secs
Transaction rate:	9.44 trans/sec	Transaction rate:	14.60 trans/sec
Throughput:	0.12 MB/sec	Throughput:	0.19 MB/sec
Concurrency:	5.08	Concurrency:	13.98
Successful transactions:	2837	Successful transactions:	4385
Failed transactions:	2	Failed transactions:	20
Longest transaction:	15.39	Longest transaction:	15.70
Shortest transaction:	0.33	Shortest transaction:	0.33