

Performance Report for: <http://www.quantamatrix.com/>

Report generated: Sun, Dec 10, 2023 1:01 AM +0100 (via API)
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0
 Analysis options: Adblock Plus

A	Performance 90%	Structure 90%	L. Contentful Paint 690ms	T. Blocking Time 0ms	C. Layout Shift 0
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Top Issues

IMPACT	AUDIT	
Med	Use explicit width and height on image elements	5 images found
Med-Low	Use a Content Delivery Network (CDN)	49 resources found
Med-Low	Eliminate render-blocking resources	Potential savings of 210ms
Med-Low	Avoid CSS @import	1 resource found
Low	Avoid enormous network payloads	Total size was 2.09MB

Page Details



Total Page Size - 2.08MB



Total Page Requests - 62



HTML JS CSS IMG Video Font Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

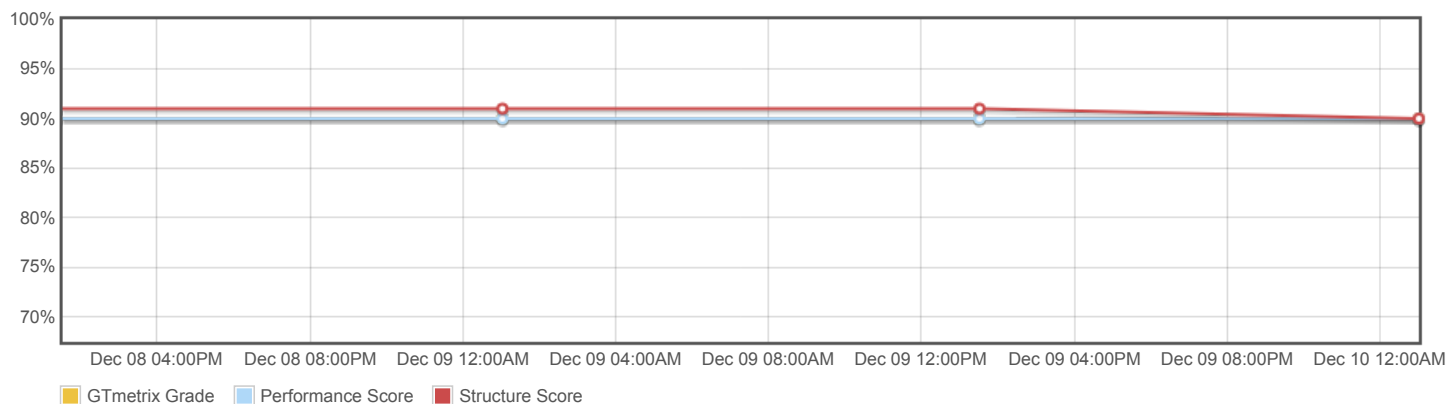
About GTmetrix

CARBON60
THE MANAGED CLOUD COMPANY

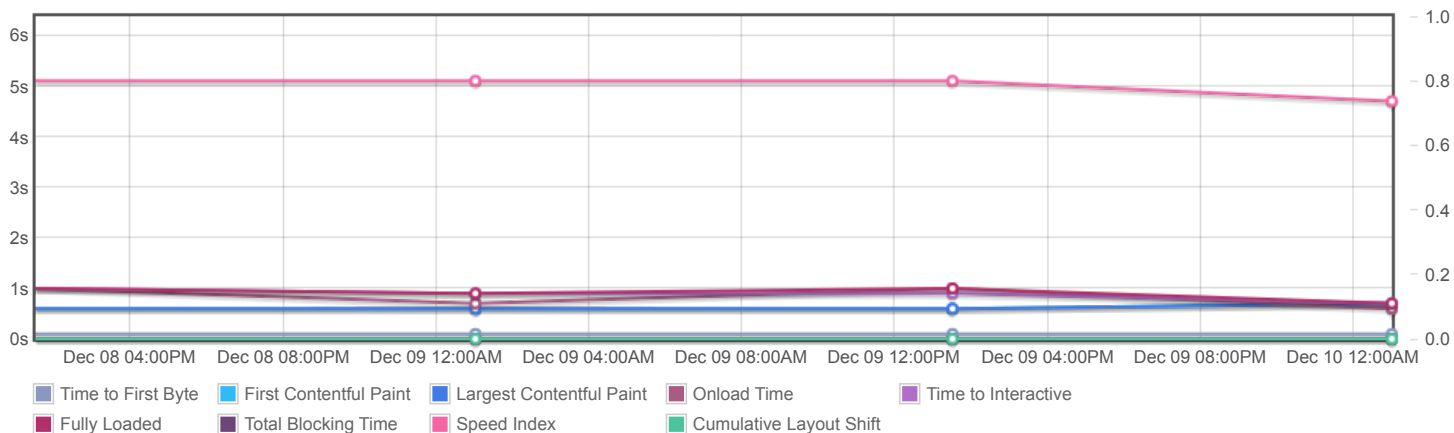
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 27 years experience in web technology.

<https://carbon60.com/>

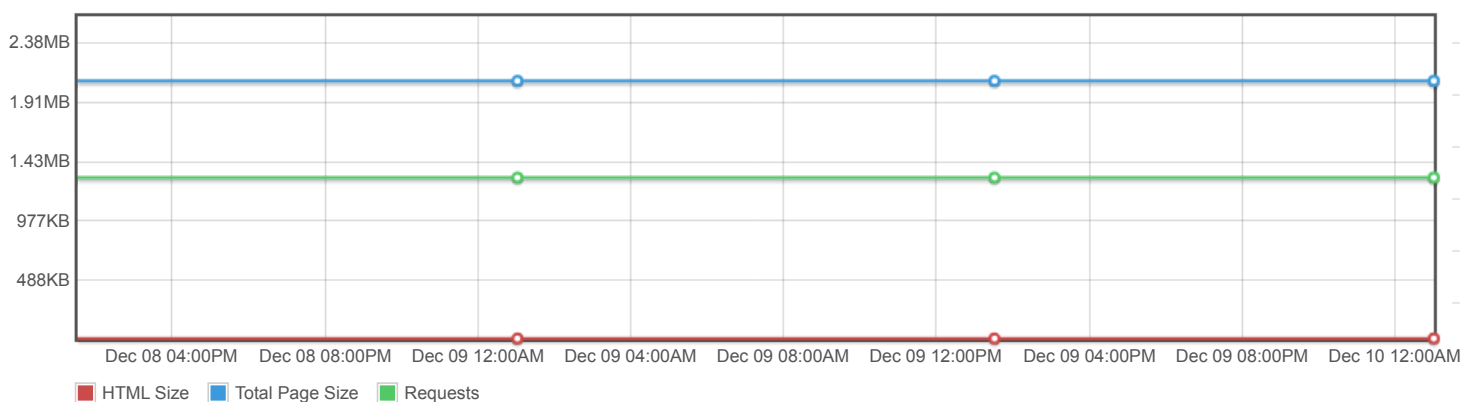
Page scores



Page metrics

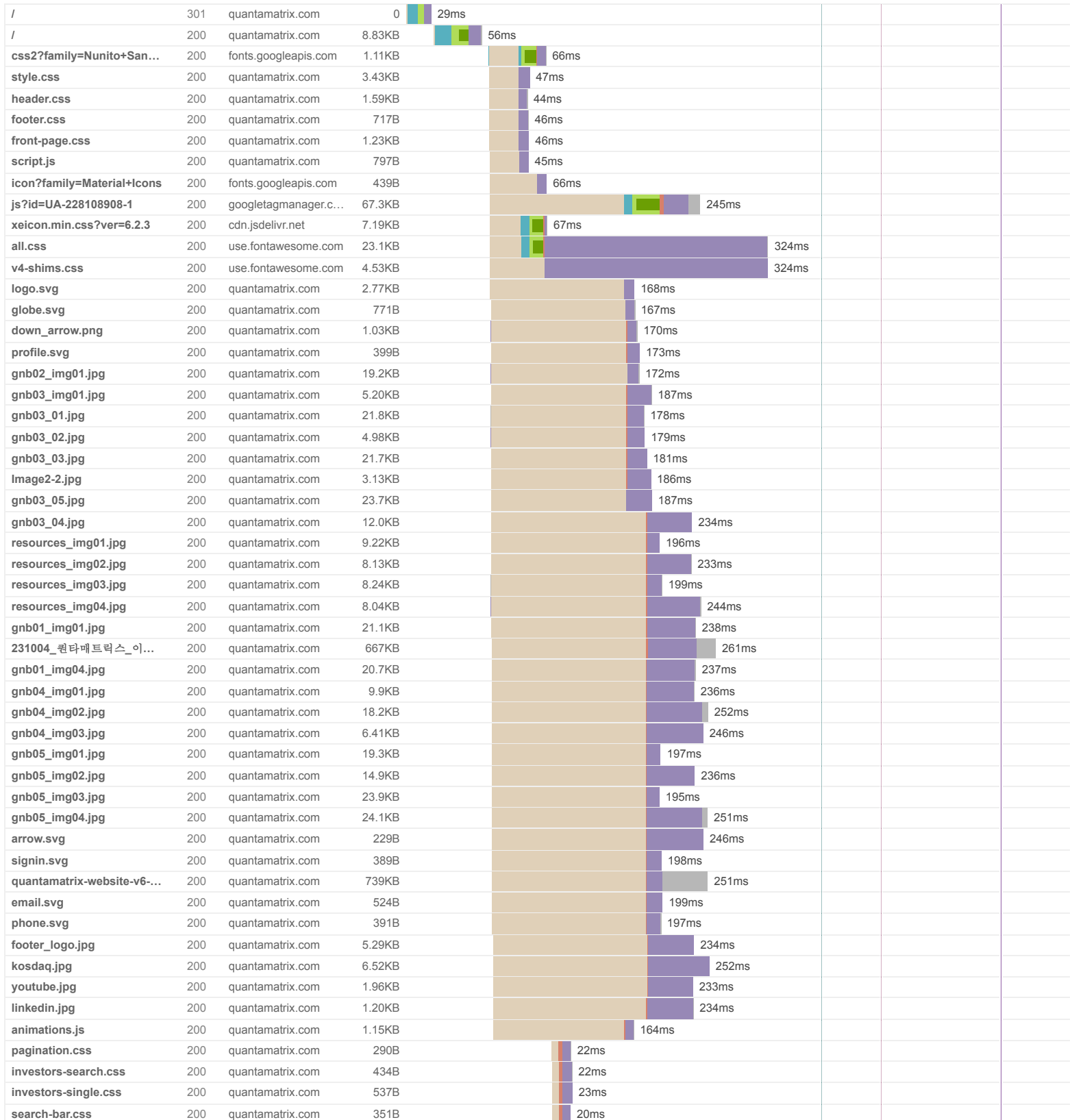











Page sizes and request counts

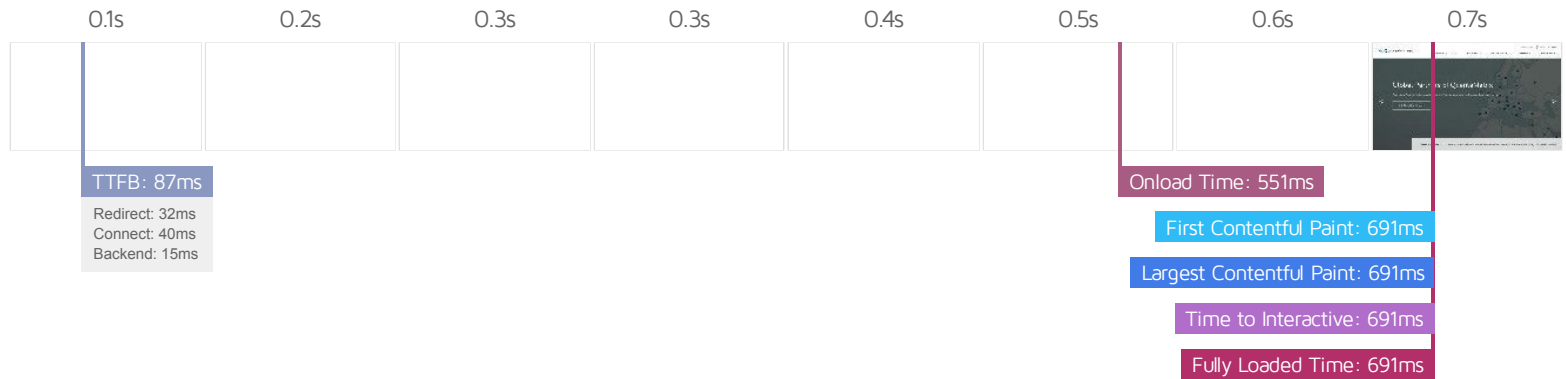


The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Homepage | QuantaMatrix



register.css	200	quantamatrix.com	1.54KB		24ms			
account.css	200	quantamatrix.com	780B		23ms			
wp-emoji-release.min.js?...	200	quantamatrix.com	4.92KB		111ms			
js?id=G-RL826FSS00&I=d...	200	googletagmanager.c...	81.9KB		32ms			
analytics.js	200	google-analytics.com	20.5KB		32ms			
external_white.svg	200	quantamatrix.com	308B		14ms			
pe0TMlmSLYBiv1o4X1M8...	200	fonts.gstatic.com	30.3KB		80ms			
pe0TMlmSLYBiv1o4X1M8...	200	fonts.gstatic.com	26.6KB		70ms			
favicon.ico	200	quantamatrix.com	108KB		20ms			
62 Requests 2.08MB (2.59MB Uncompressed) Fully Loaded 691ms (Onload 551ms)								



Performance Metrics

First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	Good - Nothing to do here 690ms	Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Good - Nothing to do here 690ms
Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended 4.7s	Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Good - Nothing to do here 0ms
Largest Contentful Paint How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.	Good - Nothing to do here 690ms	Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	Good - Nothing to do here 0

Browser Timings

Redirect	32ms	Connect	40ms	Backend	15ms
TTFB	87ms	DOM Int.	478ms	DOM Loaded	482ms
Onload	551ms	First Paint	691ms	Fully Loaded	691ms

IMPACT	AUDIT	
Med	Use explicit width and height on image elements <small>CLS</small>	5 images found
Med-Low	Use a Content Delivery Network (CDN)	49 resources found
Med-Low	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 210ms
Med-Low	Avoid CSS @import <small>FCP LCP</small>	1 resource found
Low	Avoid enormous network payloads <small>LCP</small>	Total size was 2.09MB
Low	Serve static assets with an efficient cache policy	Potential savings of 15.6KB
Low	Avoid an excessive DOM size <small>TBT</small>	373 elements
Low	Properly size images	Potential savings of 271KB
Low	Avoid multiple page redirects <small>FCP LCP</small>	Potential savings of 30ms
Low	Efficiently encode images	Potential savings of 1.41MB
Low	Reduce unused CSS <small>FCP LCP</small>	Potential savings of 23.0KB
Low	Serve images in next-gen formats	Potential savings of 1.52MB
Low	Defer offscreen images	Potential savings of 971KB
Low	Avoid non-composited animations <small>CLS</small>	2 animated elements found
Low	Minify JavaScript <small>FCP LCP</small>	Potential savings of 12.0KB
Low	Avoid chaining critical requests <small>FCP LCP</small>	17 chains found
Low	Reduce unused JavaScript <small>LCP</small>	Potential savings of 67.7KB
N/A	Largest Contentful Paint element <small>LCP</small>	690 ms
N/A	Reduce JavaScript execution time <small>TBT</small>	72ms spent executing JavaScript
N/A	Reduce initial server response time <small>FCP LCP</small>	Root document took 14ms
N/A	Avoid serving legacy JavaScript to modern browsers <small>TBT</small>	Potential savings of 8.46KB
N/A	Avoid large layout shifts <small>CLS</small>	2 elements found
N/A	Minimize main-thread work <small>TBT</small>	Main-thread busy for 631ms

N/A	Reduce the impact of third-party code <small>TBT</small>	Total size was 265KB
N/A	User Timing marks and measures	