Latest Performance Report for:

https://www.tesla.com/

Report generated: Wed, Dec 27, 2023 2:07 PM –0800
Test Server Location: 🇺🇸 San Antonio, TX, USA
Using: 🌐 Chrome 117.0.0.0, Lighthouse 11.0.0

GTmetrix Grade ?

E	Performance ?	Structure ?
	46%	**79%**

Web Vitals ?

Largest Contentful Paint ?	Total Blocking Time ?	Cumulative Layout Shift ?
3.2s	**757ms**	**0.05**

Summary	Performance	Structure	Waterfall	Video	History

Speed Visualization ?

0.8s	1.7s	2.5s	3.3s	4.1s	5s	5.8s	6.6s

TTFB: 53ms
Redirect: 0ms
Connect: 36ms
Backend: 17ms

Onload Time: 3.0s

Largest Contentful Paint: 3.2s

Time to interactive: 6.6s

Fully Loaded Time: 6.6s

First Contentful Paint: 730ms
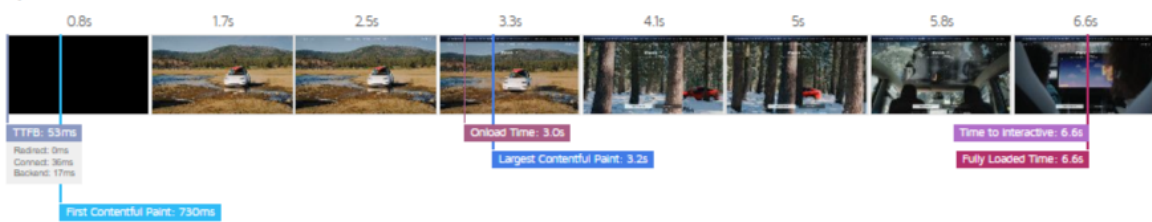
Top Issues

| All | FCP | LCP | TBT | CLS | These audits are identified as the top issues impacting your performance.

IMPACT	AUDIT		
High	Avoid enormous network payloads LCP	Total size was 11.4MB	⌄
Med-High	Avoid an excessive DOM size TBT	2,582 elements	⌄
Med	Avoid long main-thread tasks TBT	20 long tasks found	⌄
Med	Use explicit width and height on image elements CLS	25 images found	⌄
Med	Serve static assets with an efficient cache policy	Potential savings of 8.37MB	⌄

Focus on these audits first

These audits likely have the largest impact on your page performance.

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

See all Structure audits

Page Details ?

Your page content is broken down into the following:

6.6s
Fully Loaded Time

Total Page Size – 11.4MB

Video 7.63MB	IMG 2.34MB	JS 839KB	

Total Page Requests – 75

IMG 52%	JS 20%	Other 10.7%	Font 9.3%	CSS 5.3%

🟪 HTML ⬛ JS 🟦 CSS 🟦 IMG ⬛ Video 🟪 Font ⬜ Other
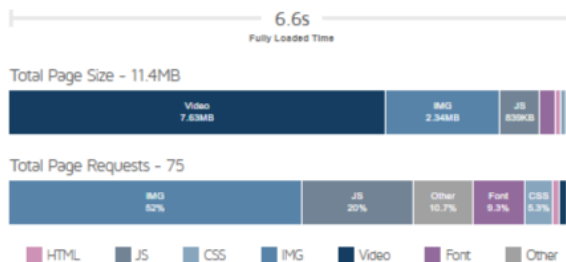
More from GTmetrix

Additional tips and suggestions based on your page analysis.

🟢 fi	Need help with optimization? Find a developer with our partner Fiverr to optimize your performance	＞
3rd	Third-party requests are affecting your performance Learn why and potential solutions	＞
〰️	Consider monitoring performance Learn why monitoring is important	＞

Read our blog for more performance tips and advice.

Performance Metrics

The following metrics are generated using Lighthouse Performance data.

Metric details [OFF]

| First Contentful Paint ? | Good - Nothing to do here
730ms | Time to Interactive ? | Much longer than recommended
6.6s |

| Speed Index ? | Much longer than recommended
5.6s | Total Blocking Time ? | Much longer than recommended
757ms |

| Largest Contentful Paint ? | Much longer than recommended
3.2s | Cumulative Layout Shift ? | Good - Nothing to do here
0.05 |

Browser Timings

These timings are milestones reported by the browser.

Redirect Duration ?	0ms	Connection Duration ?	36ms	Backend Duration ?	17ms
Time to First Byte (TTFB) ?	53ms	First Paint ?	730ms	DOM Interactive Time ?	792ms
DOM Content Loaded Time ?	918ms	Onload Time ?	3.0s	Fully Loaded Time ?	6.6s

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| Summary | Performance | Structure | Waterfall | Video | **History** |

This page does not yet have any historical data

Page load times

Add Note ? | Zoom 1d 1w 1m 3m 6m 1y All Pan <
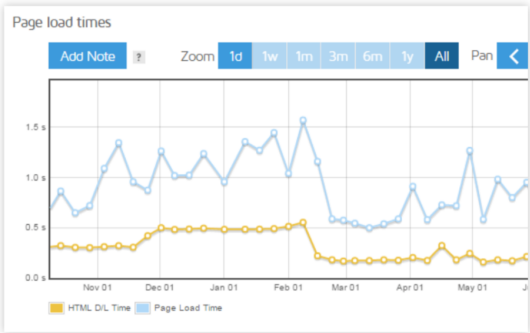
Historical graphs require more than one test to be generated.

Once you re-test this page, the history graphs will be displayed and will give you access to the older, archived reports.

Report data generated on Basic plans will be deleted after 2 weeks.

[Re-Test]

You can also monitor this page to better track and visualize page performance over time.

- Schedule a test to run daily, weekly or monthly to ensure optimal performance.
- Visualize performance with graphs of Page metrics (TTFB, FCP, CLS, etc.), Page size & Request counts and Page scores.
- Annotate areas of interest on your graph and give your data context.

[Enable Monitoring]

IMPACT	AUDIT			Show Audits Relevant to	All	FCP	LCP	TBT	CLS

IMPACT	AUDIT		
High	Avoid enormous network payloads `LCP`	Total size was 11.4MB	⌄
Med-High	Avoid an excessive DOM size `TBT`	2,582 elements	⌄
Med	Avoid long main-thread tasks `TBT`	20 long tasks found	⌄
Med	Use explicit width and height on image elements `CLS`	25 images found	⌄
Med	Serve static assets with an efficient cache policy	Potential savings of 8.37MB	⌄
Med-Low	Use a Content Delivery Network (CDN)	35 resources found	⌄
Low	Reduce JavaScript execution time `TBT`	1.4s spent executing JavaScript	⌄
Low	Avoid chaining critical requests `FCP` `LCP`	11 chains found	⌄
Low	Preconnect to required origins `FCP` `LCP`	Potential savings of 82ms	⌄
Low	Enable text compression `FCP` `LCP`	Potential savings of 38.0KB	⌄
Low	Properly size images	Potential savings of 1.76MB	⌄
Low	Reduce unused CSS `FCP` `LCP`	Potential savings of 88.5KB	⌄
Low	Serve images in next-gen formats	Potential savings of 277KB	⌄
Low	Defer offscreen images	Potential savings of 1.52MB	⌄
Low	Avoid large layout shifts `CLS`	5 elements found	⌄
Low	Avoid non-composited animations `CLS`	4 animated elements found	⌄
Low	Reduce unused JavaScript `LCP`	Potential savings of 337KB	⌄
N/A	Largest Contentful Paint element `LCP`	3,210 ms	⌄
N/A	Eliminate render-blocking resources `FCP` `LCP`	Potential savings of 17ms	⌄
N/A	Reduce initial server response time `FCP` `LCP`	Root document took 16ms	⌄
N/A	Avoid serving legacy JavaScript to modern browsers `TBT`	Potential savings of 213B	⌄
N/A	Minimize main-thread work `TBT`	Main-thread busy for 3.8s	⌄
N/A	User Timing marks and measures	1 user timing	⌄
N/A	Reduce the impact of third-party code `TBT`	Third-party code blocked the main thread for 8ms	⌄

Hide No Impact Audits ⌃

None	Avoid CSS @import FCP LCP	⌄
None	Use a <meta name="viewport"> tag with width or initial-scale TBT	⌄
None	Use video formats for animated content LCP	⌄
None	Use passive listeners to improve scrolling performance	⌄
None	Allow back/forward cache restoration	⌄
None	Preload Largest Contentful Paint image LCP	⌄
None	Don't lazy load Largest Contentful Paint image LCP	⌄
None	Avoid multiple page redirects FCP LCP	⌄
None	Efficiently encode images	⌄
None	Ensure text remains visible during webfont load FCP LCP	⌄
None	Avoid document.write()	⌄
None	Minify CSS FCP LCP	⌄
None	Enable Keep-Alive FCP LCP	⌄
None	Minify JavaScript FCP LCP	⌄
None	Remove duplicate modules in JavaScript bundles TBT	⌄
None	Combine images using CSS sprites FCP LCP	⌄
None	Preload key requests FCP LCP	⌄
None	Lazy load third-party resources with facades TBT	⌄
None	Use HTTP/2 for all resources	⌄

Waterfall Chart

⛶ Fullscreen　⬇ Download HAR

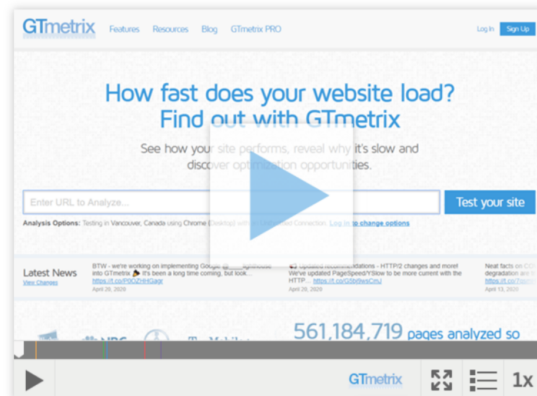|				
Filter requests...	All	HTML	JS CSS	Images Video XHR Fonts Other

URL	Status	Domain	Size	Timeline
⊞ Homepage-Model-X-Desktop-LHD	200	digitalassets.tesla.com	56.3KB	109ms
⊞ Homepage-Model-S-Desktop-LH...	200	digitalassets.tesla.com	165KB	119ms
⊞ Homepage-Cybertruck-Desktop.j...	200	digitalassets.tesla.com	161KB	122ms
⊞ Homepage-Demo-Drive-Desktop-...	200	digitalassets.tesla.com	65.7KB	118ms
⊞ 425_HP_SolarPanels_D	200	digitalassets.tesla.com	215KB	127ms
⊞ Homepage-SolarRoof-Desktop-G...	200	digitalassets.tesla.com	387KB	129ms
⊞ Homepage-Powerwall-Desktop.jpg	200	digitalassets.tesla.com	99KB	126ms
⊞ Homepage-Accessories-Desktop...	200	digitalassets.tesla.com	113KB	127ms
⊞ js_azqiahB9dOkAsSZwyMbuJat...	200	tesla.com	150KB	113ms
⊞ index.js?v=1.x	200	tesla.com	53B	111ms
⊞ js_RdO2LgUzkAR5z-x_mpn66ZR...	200	tesla.com	118KB	85ms
⊞ GothamSSm-Book_Web.woff2	200	cdn-design.tesla.com	58.1KB	155ms
⊞ GothamSSm-Medium_Web.woff2	200	cdn-design.tesla.com	59.0KB	101ms
⊞ js?id=G-KFP8T9JWYJ&l=dataLa...	200	googletagmanager.c...	89.9KB	92ms
⊞ analytics.js	200	google-analytics.com	20.5KB	91ms
⊞ uwt.js	200	static.ads-twitter.com	15.0KB	64ms
⊞ bat.js	200	bat.bing.com	12.9KB	66ms
⊞ insight.min.js	200	snap.licdn.com	15.2KB	86ms
⊞ sv.js	200	track.securedvisit.com	24.4KB	207ms
⊞ v1_2	200	tesla.com	42.0KB	43ms
⊞ v1	200	tesla.com	454B	29ms
⊞ v1	200	tesla.com	454B	30ms
⊞ chat-ui.js?adldjdaw	200	tesla.com	247KB	99ms
⊞ chat-ui.css?adldjdaw	200	tesla.com	41.9KB	48ms
⊞ Homepage-Model-Y-Desktop-NA...	206	digitalassets.tesla.com	7.63MB	1.4s
⊞ linkid.js	200	google-analytics.com	697B	19ms
⊞ GothamSSm-Medium_Web.woff2	200	cdn-design.tesla.com	59.0KB	478ms
⊞ GothamSSm-Book_Web.woff2	200	cdn-design.tesla.com	58.1KB	479ms
⊞ adsct?bci=4&eci=3&event=%7B...	200	t.co	43B	252ms

75 Requests　　11.4MB (14.7MB Uncompressed)　　Fully Loaded 6.6s (Onload 3s)

CPU
90.3%
MEMORY

Summary	Performance	Structure	Waterfall	**Video**	History

Page Load Video

See your page load with videos

Record a video of this page loading and pinpoint exactly where bottlenecks and stoppages occur.

- Slow playback up to 4x to visualize loading behaviour
- Jump to major milestones like First Paint and Onload
- Download and embed videos

▶ Enable Video and Re-test