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takamx

Razer Thunderbolt 4 Cable (2.0m / 6.56ft)

As many on this and other subreddits, I've struggled quite a bit with various cables to connect my eGPU (Razer Core X Chroma). And of course, the issues were occurring whenever I tried using 2m long ones.

None of the Thunderbolt cables I bought off Amazon did the trick. I was mainly relying on CUDA-Z to confirm the negotiated speeds:

- Short cables, incl. original cable that came with the eGPU: 2100 / 2700 MBps (16.8 / 21.6 Gbps).
- Longer 2m active TB4 cables: 1400 / 1750 MBps (11.2 / 15 Gbps).

[UPD:] Corrected Mbps to MBps, this was an obvious mistake.

Max. speed expected from TB3 in data-only mode is 22 Gbps [LINK], which after division by 8 gives us max. speed of 2750 MBps. $22\text{Gbps} = 22000\text{Mbps} = 2750\text{MBps}$.

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rayddit519 • 10mo ago

I had no problems with my Cable Matters 2m certified TB4 cable. I do not use it that much. I had crashes of the eGPU before. But after replugging it has worked fine. And it delivers the 2.6-2.7 GiB/s you would expect. (I have not compared against the short original cable. I am sure there is some slight loss)



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which showed lower scores than I expected. Then, I realized that cuda-z also showed the much lower speeds. Could be my particular cable, though. I saw good reviews of these cables before.

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RyanMiller_ • 10mo ago

This one works great for me, is a nice length: [6Ft] Thunderbolt 4 Cable, Maxonar Thunderbolt 4 Cable 40Gbps with 100W Charging and 8K/5K@60Hz Compatible with Thunderbolt 4/3, USB4 and USB C
https://www.amazon.ca/dp/B0BML8YD92/ref=cm_sw_r_cp_apip_OGNMfx6fgFFPw

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takamx OP • 10mo ago

Haven't tried this one. The 2 branded cables I used were Cable Matters and Plugable. Both did not do the job well enough.

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Brichard0625 • 10mo ago

I haven't had a cable yet that didn't work but my cable matters 6.6ft just crapped out of me. The best one I used so far is the apple thunderbolt because it fits very snug and has very little wiggle room compared to the others.

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takamx OP • 10mo ago

I was looking at the Apple cables earlier. The 2 meter one (made by Belkin) is likely to deliver the full speed of 22Gbps. Have you had a chance to benchmark it or check the speeds in CUDA-Z? A screenshot would be very much appreciated.

They've also got the 3 meter TB4 cables promising to deliver the same performance, but it's a bit on the expensive side and I haven't found anyone claiming to achieve expected speed with these cables. If you've got one and could make a quick test - that'd be just great.

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Pollyfunbags • 10mo ago

I use a Cable Matters 2M Active Thunderbolt 4 cable with no issues.

Not cheap but can't fault it, it just works. I will run a Cuda-Z benchmark later to confirm the speed.

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Thanks, would be great to see your results with this cable. I just re-tested it and updated the post with the CUDA-Z screens for each of the cables I have. Unfortunately, Cable Matters 2m cable did not perform that well.

TBH, I also never had any issues with this cable while using my laptop. Not until I came across some posts showing the connection speeds from CUDA-Z and decided to see for myself. xD

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abrilevskiy • 10mo ago



"CABLETIME Thunderbolt 4 USB C Cable Certified 8K 60Hz HDR PD100W 40Gbps Compatible USB 4 for Macbook Dell Laptop Type C C422" 1.8m from Aliexpress - US \$29.29

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takamx OP • 10mo ago

Thanks for sharing. This one seems to perform very well for its price.

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