

# RX 6xxx(XT) Thread, Lieferbarkeit, Kompatibilität, Leistung

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[Zitat von zw3ist3in](#)

interessant, meine zeigt 8X, aber kann das wirklich bremsen?

In some tests, yes I think so. And in Blackmagic Raw Speed Test, I think it is the case. The main FPS figure in that test is for 8K frames - 7680 x 4320 pixels. At 32 bits per pixel (4 bytes) that's 132,710,400 bytes per frame. Multiply that by the 60 FPS you got and we get 7962624000 bytes, or 7.5 GByte/second. The bandwidth of a PCIe 3.0 x8 slot is 8GByte/second.

In Blackmagic Raw Speed Test with my 6900XT I get 125 FPS. That is the same result that another person (on another forum) got with their 5700XT, a much weaker card. We both have PCIe 3.0. But another user who has 6900XT on PCIe 4.0 (double the bandwidth) got 175 FPS. Therefore I believe 175 FPS is the true maximum for the 6900XT, when bandwidth is not an issue.

If my theory is right, then I'd expect a 6900XT at 8x to get ~65 FPS max in BRAW Speed Test 8K. And you got 60 FPS with a x8 6800XT. It fits.

This does not mean that all benchmarks will be that bad. 8K is a very extreme case. I think 3D rendering is much less affected by bandwidth, for example.