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The first two values should be easily handled by any computer available or still in use today (including the oldest, lowest-end systems, I imagine somebody is still using some laptop with only 2 GB), if you still think 240 MB is too high, you can only do so much when you need to store millions of objects (blocks) in memory (not not really even as "blocks", just pointers, aka "block IDs", or at least the game used to, before 1.13 eliminated them; older versions needed 2.5 bytes per block, 3 bytes if they made use of an extension to IDs, which Mojang never used, only mods), just the way "voxel" games work, and really it is a miracle that 20+ year old computers were able to run the game decently at all (rendering is just as important, all those ultra-realistic-looking games out there have way less polygons being drawn to screen than even the most simple voxel game, granted, there are ways to reduce the polygon count, such as "level of detail", which only some mods, like "Far Plane Two", use). Evidence? I've modded in countless hundreds of features yet they have had absolutely no impact of memory usage; in fact, I've significantly reduced it, especially allocation rates (how fast the "used memory" value goes up): At 8 chunk render distance with 96 MB allocated (maybe a bit too low as I did this to prove a point, 128 MB would be good enough though): At 16 chunk render distance; 512 MB was allocated (the amount I recommend), of which about 375 MB was used by the JVM, with around 3 times the actual usage (as noted above, the formula I gave is only approximate due to only loaded chunks using more memory), so there is plenty of room, of course, you'd need to multiply this by 1.5 to accommodate the maximum height limit since 1.18, although terrain doesn't seem to go higher than the old limit (much like how 1.2 doubled the limit to 256 but it wasn't until 1.7 that it could generate higher than 128, and even then only in a few biomes): Unfortunately, many people just say, "well, modern hardware is just so much better now so it doesn't matter", which is an all-too-common way of thinking and the game could run so much better (ideally, 2x hardware performance increase = 2x software performance. It is true that some features are expected to reduce performance; like increasing the world height, but not as much as a simple 2x increase, as evidenced from my own experience with modding the game to have 2-3 times the ground depth, the latter way more on average than 1.18, and the game had long had an entire dimension that was 128 blocks deep): s_law Quote from FrancisKing2203 Idk if this works. I tried it in 1.21.51 and it doesn't work. 5 Cool Minecraft Village Seeds 1.8.8 Seed 5: 4985944434465135059 Cool Desert plains Village Spawn Minecraft Seed 1.8.8 Seed 4: -2933162289622644972 Awesome Plains Ravine Village Spawn Minecraft seed 1.8.8 Seed 3: 4139647195480141282 Large Island Village Seed near Spawn Minecraft Seed 1.8.8 Island Village: X= -270 Y= 69 Z= 88 Seed 2: -5702394862797902258 Cool Savannah, plains Village SPawn Minecraft Seed 1.8.8 No loot/ Black smith chest This thread was marked as Locked by Alvoria. This thread was marked as Locked by master801. I too have had this problem and OMG i have tried every forum and so on and found nothing that worked until now .... i have looked at the game MC it is very sloppy in its frame there is a graphics bug and a network bug Graphics (blocks reappear after dig or disappear after build) can also slow chat Fix: (well it worked for me) 1) update graph card (I "MatrixCow08 didn't update anything. so this step is not required for a lot of people.. but if u have very old graphics card driver then updating it will give more good performance!) 2) put your video options as follows (it will be a bit slower than 1 player game, as it will drain your mem in places but you will not get the Blocks reforming and will build ok) and remember to move away from your spawn point till you try :smile.gif:- Graphics :FAST limit fram :ON (if u are using optifine then u will see "vsync" ... i (MatrixCow08) set it to 40 and everything is good with it.) View Bobbing :OFF GUI Scale :AUTO Render Dist : FAR (I "MatrixCow08" set the render distance to 8 ... FAR will make the game laggy and maybe the connection too?) 3D Ana : OFF Smooth Light : ON Advanced opGL : OFF I've run into this particular exit code a few times despite being on modern nVidia drivers at the time. For me, it usually occurs under one of the following two scenarios... 1. Using some screen recording or overlay program. GeForce Experience, Afterburner, OBS, etc. The exit code does also mention this so outdated drivers are unlikely to be the cause (unless you're still on seven year old nVidia drivers). If you're using any overlay or recording stuff, try without and see if that stops the issue. I was able to run these programs fine, but when I used Afterburner to record, it'd record fine, but if I recorded for too long, and then stopped, it'd trip it up. 2. Using some shaders in older (1.10/1.11 at least) Minecraft versions. Never in newer (at least 1.16+) versions. it was still pretty rare, and may have been limited to when changing from full screen to window or vice versa (I swear this is the moment when I've had so many crashes with this game). Funny thing is I moved to AMD and now in an older version (1.12), I'm just getting a loss of signal to restart crash. I had this issue on a broad scale before (RMA of the video card fixed it) so I'm not sure if it's the same issue returning, or this is simply one of many "interesting" issues with older Minecraft versions and nVidia and AMD just crash differently in response to it. Still need to test and see if my crashes extend beyond this situation, but I digress. If it's instead happening frequently and soon after starting to play, and in recent versions, and if it's in more vanilla situations (no mods, no shaders, no overlay programs), then I wouldn't have many guesses left. The first that jumps out to me (at least for the thread starter) is why are you using Windows 10 on a 12th+ generation Intel? Those really want the scheduler from Windows 11 to operate more optimally due to their hybrid core nature. It may or not be the cause though. In either case, I'd probably try a test by disabling the e-cores and seeing if that plays into the occurrence of this crash. Sort of related, but are you overclocking? If so, revert to stock/defaults (this includes setting RAM profiles like XMP to default). It might be worth investigating if your motherboard is pushing your CPU too hard, even at its default settings. I say this because some of the 13th and 14th generation upper SKU CPUs are proving to be pretty unstable in certain workloads that push them certain ways, and they need underclocked (lowering the p-core and/or e-core ratio) to be made stable. The "out of video memory trying to allocate a rendering resource" error message that even those with RTX 4090s are seeing? Or the other error messages when compiling shaders in Unreal Engine/DirectX 12 games? It's the CPU. And with an Asus motherboard I'd be more wary it's pushing the CPU hard (Asus was apparently the one brand doing it worst on AMD's side too, if you recall the situation with the 7800X3D burning up). I haven't heard of this problem with the prior 12th generation, but the point here is I'd probably rule out any overclocking (XMP included) just to be sure. Beyond that, I'd have little if any ideas. nVidia's drivers have been on and off spotty lately and the error code does seem to be nVidia specific (though your log doesn't seem to mention the nVidia drivers as the cause, it seems to be pointing largely to Java?), so maybe trying slightly older ones to see if it is a factor in the exit code occurring or not? If not, I'd be out of guesses. 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Find a server with variety here. Jul 26, 2015 Go to last post - - Share any other Minecraft related art you have made here. - - Servers with a twist! Complete an objective other than survival (i.e. Prison, Spleef, etc.) Jul 6, 2015 Go to last post - - Aug 24, 2014 Go to last post 21,962 87,111 Nov 5, 2013 Go to last post 197,837 2,021,192 - - Announcements and information regarding the main forum and site. Sep 26, 2012 Go to last post 34 2,923 - - Discussion about 1.1, now locked Jul 18, 2012 Go to last post 1,322 20,959 Post your let's play video series here and announce when you're doing live streams! 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