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Posted by u/BitterBitField T430s X1C7 → X250 X270 (dead) 2 years ago



29 Freezing X270/X260/X250, Official fix (a bit LMAO though)

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My freezing (hanging) X270 was fixed with a solution so well-suited for the free exchange of ideas aka internets, that it made me create reddit account and post this :)

tldr; stick rubber standoffs under RAM module.

So I noticed that my X270 would freeze when held with left hand, not necessarily by the corner. Freezing would cause audio to loop and video to shift ~40px right and freeze.

My used laptop just so happens to have maxed out warranty plan (next business day, on site), so I filled out the warranty form and... they lost my ticket due to some *computer* error. NVM week later a tech arrived with all sort of replacement parts.

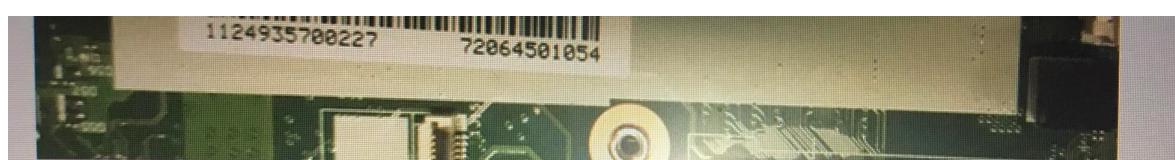
There was no need for a replacement though. He said it's a known problem, i.e. applying pressure at the bottom cover causes the RAM module to move ever so slightly in its slot and thus glitch out. The fix is to place rubber standoffs under the module, so it cannot be pressed downwards anymore. When reseating the module you should be barely able to clip the module in place.

(He let me snap a photo)

This should apply to all X's which are build like this, X250, X260 etc.

Surprisingly he did not follow his own procedure. I repositioned them because they were putting strain onto the memory chips. (he used 4 rubbers, 2 are enough)

I hope it saves someone :)



After adding rubber:





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If no white painting on planar under memory is seen, locate same rubber on the memory and paste rub



Lenovo tech guide



my "repaired" X270

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bloogles1 · 2 yr. ago

Yup though some people on here will claim no such thing, and just say you're "holding it wrong".

But clearly Lenovo knows it's an issue internally.

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t_Lancer · 2 yr. ago

4x 760XL, T42, X61T, X61s, T410, T430s w/ FHD

while I would call it a defect also, or a design fault. if the rubber pads work, then this is a 100% legitimate repair.

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sonicstabber · 2 yr. ago

What are these rubber standoffs called/where are they available to buy? I've tried searching for a few hours and can't seem to find them

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SynbiosVyse · 3 mo. ago

X62s, T480, X220, X230, T43, T430, T420, T420s, T510, T400

What's funny is my plastic insert where the internal battery should be has a bunch of these just randomly inside it. They're too deep but they cut very easily with a knife.

It looks just like this one: <https://www.ebay.com/itm/284173953256>

Notice how there are rubber blocks inside it. You can just pop them out and cut to size.

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Bredius88 · 2 yr. ago

T440p

All we need to know now is: how **thick** are those rubber bumpers?

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BitterBitField OP · 2 yr. ago

T430s X1C7 → X250 X270 (dead)

Is there a photogrammetry bot on reddit..?



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_Hadek · 4 mo. ago

This litteraly saved me from insanity. I have a x260 I purchased a few weeks ago and it had those random microstutters without any reason. Clean installed x3, tried out different driver setups but it would do it. Not enough to be unusable but enough to bother me.

I saw this, opened it, took a thermal pad I had laying around and put it under the ram.

Low and behold, 1 day later everything is smooth, it even feels more responsive. I would probably never have figured out it was because of a bad ram connection.

OP, if u want me too pay you a drink, pm me your paypal.

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SynbiosVyse · 3 mo. ago

X62s, T480, X220, X230, T43, T430, T420, T420s, T510, T400

So there are microstutters like 1-2 seconds where everything just freezes right?

This is insanity. Is this really a design flaw in all X240-X270 machines?

I just got an X270 and it's driving me crazy, trying to figure out if it was software related or what.

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[deleted] · 2 yr. ago

Thanks for sharing!

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monchavo · 2 yr. ago

Thank you. I've yet to encounter this issue - but what a fascinating discovery.

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papapapeace · 2 yr. ago

So the module sits on top these bumpers?

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Yes. They prevent the module to have any play when pressed.

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thekingofmean · 2 yr. ago

Pretty sure you're only supposed to use one rubber at a time.

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AgreeableBlock7 · 4 mo. ago · *edited 4 mo. ago*

X260 | T495 | X220

Does it need to break in or something? I installed the rubbers as suggested, and after an apparently smooth ride with my X260 for a good 30 minutes, it began to stutter again intermittently. I am running Kubuntu. Stuttering persisted across distros and OSs I used here: Windows 10, Ubuntu, Fedora, Kubuntu, Xubuntu. It is on its 3rd year, the first two years did not have much stuttering.

I've tried a number of things with it and even with this nifty trick, it is still stuttering. I don't have time to go through all possible fixes. I really hope this gets addressed as I love the form factor.

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SynbiosVyse · 3 mo. ago

X62s, T480, X220, X230, T43, T430, T420, T420s, T510, T400

X270 here still stuttering. Every so often, it freezes so that the mouse cursor stops moving and nothing changes on the screen. Then a second or two later it resumes on its own, usually "jumps" to where it should be. Does that sound like the problem you're having?

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petyabalabanov · 2 mo. ago

Thanks for that, that's completely my problem! Does anyone know a link to the website the screenshots were taken from?

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Posted by u/Podalirius_ 2 days ago

359 [Thinkstagram Picture](#) **In the train to a cybersecurity conference, with my**