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r/unRAID



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Storxusmc

unRaid USB Drive: Is there a better option?

Hello All,

I am curious if there is a better option than using a USB drive? I have been only using unRaid since 10/13/2020 and I'm going through my 3rd USB drive failure... This will be 3 USB drives in 17 months..

I started off using a brand new (Samsung 64GB USB 3.0 Flash Drive Fit (MUF-64BB/AM)) and installed the trial version of unRaid to play around with it on my gaming PC. In the first 30 days i had an issue with the server not booting off the USB drive anymore randomly. So since i was happy with unRaid outside of that issue i ordered parts to build a dedicated unRaid server with a new USB drive. So i bought (SanDisk 32GB Cruzer Fit USB Flash Drive - SDCZ33-032G-G35) after asking for recommendations from the community and telling me a USB 2.0 drive was better to use than a 3.0 drive and many mentioned this drive was the one they used. Server was doing well for a few months, i was invested in unRaid at this point and out of the blue the USB drive stop booting again, but this was on completely different hardware than the first computer i tested unRaid on. I couldn't get the USB drive to

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15

66



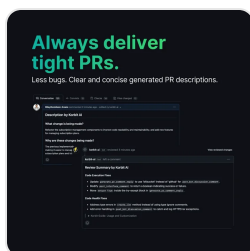
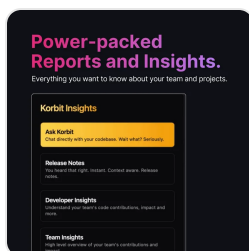
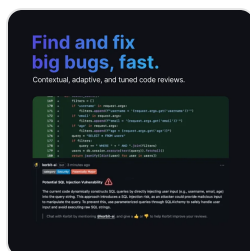
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Also, unraid needs a usb because of the unique id code number that usb flash drive only has... if im not mistaken for unraid to be installed.

24 [Reply](#) ...



v3n0m33526 • 3y ago

I tend to agree, I'm using a crappy whitelabel usb drive which I probably got at an expo or something, has been running flawlessly for almost 7 years already.

Usb2.0 is preferred over 3.0 for thermal reasons, 3.0 drives can run pretty hot, but there must be a reason why your drives keep failing...

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Space invader one made a video about comparing a few drives and Samsung were the best apparently....

The licence is attached to the drive so must have a usb drive I think for it to work

11 [Reply](#) ...

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Prestigious-Top-5897 • 3y ago

I used an old rancid 2GB Giveaway Keyring crap thats breaking apart. No problems yet. Faulty USB Port? How often do you restart your server? Any power outages? 🙄

7 [Reply](#) ...

[+](#) 2 more replies



Solverz • 3y ago

What plugins do you have installed out of curiosity?

5 [Reply](#) ...

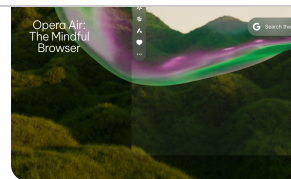


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Matter_Anti_Matter • 3y ago

Sorry to hear that you are having so many problems with the USB drive. I'm not sure way though. Once the OS is running, it loads itself into memory. I've been running unRaid for about 3 years now with to same drive I started with. My drive is currently a USB 2.0 drive. Maybe try and find a good 2.0 drive and see if it lasts longer. Just my 2 cents.

3 Reply ...



zeronic • 3y ago

USB 3.0 are a bit more prone to random failure than 2.0(often due to heat.) Try some USB 2.0 sandisk cruzer fits. Low profile and haven't had any issues with them.

4 Reply ...

1 more reply



[deleted] • 3y ago • Edited 3y ago

You can use [SD cards and a reader](#). There are some older forum threads saying unraid uses the card reader ID for the license, allowing for card swaps, but I don't know if that's still the case.

I've had a string of USB issues as well, and considered trying this.

Edit: that wiki link says you can still swap cards without getting a new license.

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2 more replies

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**Unraid 7 is Here!**

496 upvotes · 241 comments



r/unRAID • 8 mo. ago

USB Recommendation

7 upvotes · 10 comments



r/unRAID • 4 mo. ago

Unraid 6.12.14 is Now Available

193 upvotes · 123 comments



r/unRAID • 5 mo. ago

How long did your usb thumb drive last before you needed to replace it ? 🤔

39 upvotes · 111 comments



r/unRAID • 1 yr. ago

USB Recommendations

5 upvotes · 22 comments



r/unRAID • 2 mo. ago

Well it Finally Happened, Flash Drive Died

51 upvotes · 49 comments



r/unRAID • 4 mo. ago

Reminder - Backup your USB Drive

14 upvotes · 27 comments



r/unRAID • 4 mo. ago

Did I just hit the thumb drive jackpot?

52 upvotes · 44 comments

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SPECIFIC model of flash drive are y'all using that lasts longer than a single month?

60 upvotes · 210 comments



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After 12 years my Drobo has Died, Love live Unraid

89 upvotes · 47 comments



r/unRAID • 2 mo. ago

Unraid 6.12.6 to 7.0.0 upgrade time!?

14 upvotes · 19 comments



r/unRAID • 7 mo. ago

Wow so an entire system is completely reliant on a USB device, that might be sticking out of a machine?

76 comments



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Do you keep your drives always spinning or powered of when not in use?

47 upvotes · 123 comments



r/Lenovo • 3 yr. ago

Help, my laptop got froze while downloading data from mega and suddenly i see this on BIOS saying it doesn't detect my harddisk please help. Thanks in advance.

14 upvotes · 18 comments



r/Fanatec • 3 yr. ago

Can anybody help me it's been like this for 2 hours and I tried restoring it, I tried updating it but there are no updates, I tried to delete and download it but nothing works, my wheel is ...

5 upvotes · 8 comments



r/truenas • 3 yr. ago

Can I run TrueNAS Core off USB sticks?

1 upvote · 12 comments



r/DataHoarder • 3 yr. ago

My second WD Passport problem.

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Can't get my CF2IDE card reader (/card) to work

9 upvotes · 21 comments

 r/HomeServer • 3 yr. ago

WD My Cloud HDD Failure

27 upvotes · 14 comments

 r/mac • 3 yr. ago

2011 iMac: Is there any hope?

3 upvotes · 17 comments

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Any reasons to NOT upgrade to 7.0.0?

50 upvotes · 81 comments

 r/unRAID • 1 mo. ago

Has the Unassigned Devices plugin been discontinued?

27 upvotes · 7 comments

 r/HomeNAS • 3 yr. ago

WD My Cloud HDD Failure

3 upvotes · 2 comments

 r/unRAID • 1 mo. ago

Very happy with the disk location plugin update

37 upvotes · 27 comments

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Just discovered 'Scrutiny' - Unraid hasn't notified of any disk errors but Scrutiny has marked FAILED on 2 Drives

51 upvotes · 35 comments

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