

[Skip to main content](#)

r/unRAID



Search in r/unRAID

[Log In](#)

r/unRAID • 2 yr. ago

r0ndL



Recommendations on CPU Pinning & Cache Allocation on Upgraded Unraid

I just built a new Unraid box to either drop in the drives from my existing Unraid system or have a separate new Unraid and transfer everything over.

Does anyone have recommendations on CPU pinning and cache drive allocation using the following relevant specs listed below? I primarily use the server for Plex, the RRs, and will most likely start using VMs now.

Motherboard: MSI PRO Z790-A

CPU: i7-13700k

RAM: 128GB Crucial DDR5

NVMe: Three (3) 2TB Crucial

SSD: One (1) 500GB Samsung SSD

HDD: Multiple 8TB and 4TB WD Reds

GPU: Nvidia P5000 Quadro



1



2



Share



r/bluehost • Promoted



⚡ YSK: ⚡ Bluehost's AI Site Builder can design your WordPress website in minutes. No coding required!

[Learn More](#)[bluehost.com](#)[+ Add a comment](#)Sort by: **Best** ▾

Search Comments



RiffSphere • 2y ago

[Top 1% Commenter](#)

I only pin cpu cores for my vms, the system is capable to manage them for docker by itself. For vms, don't use core0 and the linked HT core, that's what unraid wants to use. Spread them out past that.

As for the ssds: I'd probably use the 500gb one as my temp download, and make a zfs pool of the 2tb disks to use for docker, appdata, vms, cache, ...



3



Reply



[Skip to main content](#)[Log In](#)

I finished a build almost identical to this a few months ago, just with an rtx 3050 instead of the quadro and 128gb ddr4 instead of ddr5.

I've got 2 1tb Samsung 980 pros, sn850 black, and another Samsung of some sort.

1 of the nvmes is for appdata, another for download cache drive.

The other 2 NVMEs and the rtx 3050 are passed through to a Windows 11 VM I use for gaming via moonlight on my steamdeck or TV.

For my VM I pinned all the cores except core 0 and the associated HT core.

Except for one time recently when I had to rebuild all my Plex metadata for 120TB(chapter thumbnails, intros, Sonic analysis for 300+k flacs) I can game flawlessly no matter what's going on in the background of my server.

One thing that I just recently figured out that had been bothering me for a while is tiny microstutters/slight audio skipping while I was trying to game. Turns out it if you have the unraid web gui open(I've found it primarily just the dashboard that causes this), it will cause this for some reason. Once I made sure to always close the webgui when done my VM runs perfectly.

↑ 2 ↓ [Reply](#) ...

 r/unRAID • 11 days ago

What The Shuck! Server HDDs for Noobs

117 upvotes · 31 comments

 r/unRAID • 8 days ago

After six months with the arrs, I finally increased my number of usenet connections in Sabnzbd...

116 upvotes · 101 comments

 r/unRAID • 1 mo. ago

Get rid of the external USB drive that seems to die all the time, easily

163 upvotes · 113 comments

 r/unRAID • 14 days ago

Why did you choose to pay for UnRAID?

122 upvotes · 328 comments

 PCMR r/pcmasterrace • 2 yr. ago

Unraid server build sheet

[Skip to main content](#)[Log In](#)

Unraid has been knowingly pushing out updates with broken NFS implementation since at least 6.12.10

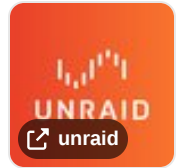
273 upvotes · 195 comments



r/unRAID • 22 days ago

Unraid OS Version 7.0.0-rc.2 now available

173 upvotes · 83 comments



r/freebsd • 2 yr. ago

Virtual CPU cores to physical CPU cores (FreeBSD bhyve host)

15 upvotes · 4 comments



r/unRAID • 27 days ago

My UnRAID Theme Customization

140 upvotes · 34 comments



r/unRAID • 12 days ago

Definite upgrade

106 upvotes · 79 comments



r/zfs • 2 yr. ago

Advices for new zfs server

2 upvotes · 11 comments



r/unRAID • 1 mo. ago

Just completed my first system move

130 upvotes · 15 comments



r/unRAID • 5 days ago

Just bought a refurbished 12TB Ironwolf: 99% of cycle 2/2 of Preclear almost done! 🎉 98h later, so far so good!

94 upvotes · 53 comments



[Skip to main content](#)[Log In](#)

8 upvotes · 7 comments

 r/PleX · 9 days ago**Plex Pass User**

195 upvotes · 41 comments

 r/unRAID · 24 days ago**Can't wait to get this in the server**

364 upvotes · 131 comments

 r/PleX · 28 days ago**UPGRADED: 3D Printed Plex Server**

261 upvotes · 82 comments

 r/PleX · 25 days ago**Plexamp v4.11.3 Released**

369 upvotes · 99 comments

 r/homelab · 2 yr. ago**Storage options for dell PowerEdge servers**

1 upvote · 5 comments

 r/truenas · 2 yr. ago**Recommended Setup for All-SSD Server With This Specific Hardware?**

4 upvotes · 8 comments

 r/linuxquestions · 2 yr. ago**Debian SSD Considerations - mount options, FSTrim, Swap, ETC?**

1 upvote · 4 comments

 r/PleX · 20 days ago**Plex account hacked**

191 upvotes · 153 comments

 r/PleX · 18 days ago

[Log In](#)

r/PleX • 10 days ago

Bought Plex Pass Lifetime to support Plex

243 upvotes · 107 comments



r/usenet • 26 days ago

I signed up for a \$2.99 a month "lifetime deal" with usenetserver and got an email saying they are raising the price \$2 starting my next billing cycle

83 upvotes · 77 comments

TOP POSTS



Reddit

reReddit: Top posts of July 18, 2023

Reddit

reReddit: Top posts of July 2023

Reddit

reReddit: Top posts of 2023