

[Skip to main content](#)

r/ r/PleX

Search in r/PleX

[Log In](#)

r/PleX • 1 yr. ago

Cheapskate2020



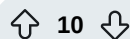
Intel N100 Quick Sync 4K Transcoding - Which Linux Distro?

[Discussion](#)

Hi folks,

I'm currently revamping my Plex server setup and will be switching to a mini PC powered by 16GB of RAM and an Intel N100 with Quick Sync support. Something I never even thought of until after I ordered it, is that I can replace my entire 1080p library with just the 4K versions as there will be no need to have 2 separate versions.

If I understand correctly, the N100 has no issue hardware transcoding 4K > 1080p. My understanding is that hardware tone mapping only works with Linux and not Windows (which I don't want to install anyway). So my main question is, which distros are best for Plex and possibly Jellyfin hardware transcoding including tone mapping? Thanks!



10



66

[Share](#)Sort by: **Best** ▾

[deleted] • 1y ago



wizard10000 • 1y ago • Edited 1y ago

I've got an S12 Pro running Debian Unstable, I'd recommend any reasonably current distribution. I wouldn't recommend Ubuntu 22.04 LTS or its derivatives because 22.04 came out a couple months after the N100 did and I've heard of Quicksync not working on 22.04 with an N100 - but anything later than that should work fine.



3

[Reply](#)Cheapskate2020 **OP** • 1y ago

I was considering Zorin OS 17 which I think is 22.04, but with a 6.5x kernel update, maybe this will work? I'm ok flipping to Ubuntu if necessary but would rather stick with Zorin or Mint. I prefer the desktop layout.



2

[Reply](#)

7 more replies



KuryakinOne • 1y ago



Top 1% Commenter

[Skip to main content](#)

r/

[Log In](#)

is rock solid. Zero problems.

Re: hardware tone mapping, Linux supports Intel & Nvidia graphics. Windows is Nvidia only.

[HDR to SDR Tone Mapping](#)

↑ 3 ↓ ○ Reply ...

⊕ 1 more reply



loftusnz • 1y ago

The key fly in the ointment of replacing 1080p REMUXs with 4K REMUXs is subtitles, at least for me. Only a few clients can handle Image-format subtitles (like PGS) without forcing the server to transcode the video to burn the subs in, and this subtitle-induced transcoding is down via CPU. If you have a n100 + 4K remux + PGS subs active, then playing on the **wrong** client will bring your server to its knees.

I'm keen to hear if there are other solutions - aside from replacing client devices with ones that support PGS subs without transcoding.

↑ 3 ↓ ○ Reply ...

⊕ 13 more replies



sunny0_0 • 1y ago

Any.

↑ 2 ↓ ○ Reply ...



-lurkbeforeyouleap- • 1y ago

I just built mine with Debian Bookworm as I strongly prefer Debian. I then upgraded to the 6.5.x kernel branch via backports. Running great for me on my little Beelink S12 Pro so far. Was previously running Plex on a Bookworm VM without hardware transcoding.

↑ 2 ↓ ○ Reply ...

⊕ 2 more replies



Oura_Official • Promoted

...

[Skip to main content](#)

r/

[Log In](#)[Shop Now](#)[ouraring.com](#)**Dextive69** • 1y ago

I use Ubuntu on my beelink with N100. It's working great for hw transcoding.

↑ 2 ↓ [Reply](#) ...

**quentech** • 1y ago

I can replace my entire 1080p library with just the 4K versions as there will be no need to have 2 separate versions

Until you run into a client that Plex *thinks* can play HDR/DV but it really can't. Or you run into a client that requires subtitle burn-in for image based subs and it brings your server to its knees at 4k resolution.

There's a few ways you can run into problems with 4k only sources that would be avoided by having a 1080p source along side the 4k.

↑ 2 ↓ [Reply](#) ...

⊕ 7 more replies

**12151982** • 1y ago

I bought the gmktek g3 n100. I am using Debian bookworm cli. It works great as a standalone Plex server. It doesn't skip a beat playing multiple 4K HEVC streams over 2.5 GBE Ethernet LAN and clients WAN. However I can barely run anything else because the multiple processes cause this thing to overheat like crazy. I tried running a lot of other docker containers to see how far I could go and it wasn't very much. I think most of these Chinese n100 boards are about the same. Their heatsinks stink. There's some guy on Reddit he rigged a x86 custom passive cooler on his n100 board which looked really cool but I have yet to look into that. On another note I used jellyfin ffmpeg build, newer Debian kernel, Intel mesa drivers. These gpus on these are weak 750 mhz and slow. You will be lucky to transcode 4-6 large videos to any format a day using hardware acceleration and ffmpeg. I convert all to MP4 x264 ac3 I have a lot of old Roku clients. Even though my box can transcode several HEVC 4k streams for WAN playback over Plex I still want to be able to direct stream if possible just to keep this little box humming at 6-12W all day.

↑ 2 ↓ [Reply](#) ...

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

N100 struggling with a single transcode

18 upvotes · 82 comments



r/PleX • 7 mo. ago

N100, should I get a GPU for multiple 4k transcodes?

32 comments



r/PleX • 1 yr. ago

Intel N100 or i5-1235u for Plex Transcoding?

17 upvotes · 41 comments



r/PleX • 6 mo. ago

The current state of transcoding 4K

50 upvotes · 58 comments



r/PleX • 2 yr. ago

Does Plex support the intel n100?

7 upvotes · 42 comments



r/PleX • 1 yr. ago

Can the N100 decode 4k HEVC or not good enough?

35 comments



r/PleX • 1 yr. ago

Pros and cons of N100 as a Plex server

106 upvotes · 221 comments



r/PleX • 4 mo. ago

H265 Transcode with N100: Am I cooked?

30 upvotes · 110 comments



r/PleX • 5 mo. ago

Cheap GPU for transcoding?

4 upvotes · 38 comments



r/PleX • 8 mo. ago

Do I actually need hardware transcoding for just myself?

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

Which intel cpu should I currently get for hardware transcoding?

8 upvotes · 26 comments

 r/PleX • 5 mo. ago

Favorite GPU for transcoding

3 upvotes · 21 comments

 r/PleX • 1 yr. ago

How is the n100 a good choice

34 comments

 r/PleX • 3 mo. ago

N100/150 HEVC encoding

2 upvotes · 17 comments

 r/homelab • 4 mo. ago

i7 8550u or N100 for Jellyfin transcoding?

3 upvotes · 9 comments

 r/PleX • 16 days ago

Questions/thoughts about HEVC hw transcoding

4 upvotes · 7 comments

 r/synology • 3 mo. ago

Best Synology for Plex etc

19 upvotes · 123 comments

 r/PleX • 4 mo. ago

What kind of CPU for HEVC encoding?

1 upvote · 28 comments

 r/linux_devices • 1 yr. ago

Which hardware should I choose for Plex (hardware transcoding with iGPU)?

2 upvotes · 2 comments

 r/ASUS • 1 yr. ago

Skip to main content

Log In

 r/jellyfin • 2 yr. ago

Server recommendations for 4K transcoding

4 upvotes · 22 comments

 r/debian • 1 yr. ago

Intel Drivers and Hardware Acceleration/Quicksync for Alder Lake N-100 CPU

9 upvotes · 16 comments

 r/PleX • 2 yr. ago

Alder Lake N100 HW Transcoding

22 upvotes · 44 comments

 r/PleX • 1 yr. ago

Plex server on N100 cpu working incredibly well.

79 upvotes · 59 comments



 r/PleX • 4 mo. ago

HEVC Target Transcoding - Testing several machines with test to 4K 20mbps output

44 upvotes · 63 comments

TOP POSTS

 Reddit

reReddit: Top posts of January 19, 2024

 Reddit

reReddit: Top posts of January 2024

 Reddit

reReddit: Top posts of 2024

Trending topics today



Log In

Andor finale

Menendez brothers' sentence

Helldivers 2 update

Ritter back in Jessica Jones

Halle Bailey accuses ex

[Reddit Rules](#) [Privacy Policy](#) [User Agreement](#) Reddit, Inc. © 2025. All rights reserved.