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r/Thunderbolt • 1 yr. ago

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M1 Pro dock for 4K120hz on HDMI2.1?

Hey y'all.

I have a 2021 M1 Pro MBP 16". I was hoping to hook it up to my LG 42C2 at 4K120hz via a charging dock.

Are there any TB4 docks or setups out there today that would support this? Would the CalDigit dock + CableMatters USB-C -> HDMI2.1 adapter together solve for this?

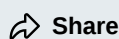
Any alternatives or suggestions? TIA!



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Or0B0t0 • 1y ago

Its possible checkout the macrumors thread where they have working adapters.

<https://forums.macrumors.com/threads/dp-usb-c-thunderbolt-3-4-to-hdmi-2-1-4k-120hz-rgb4-4-4-10b-hdr-with-apple-silicon-m1-m2-now-possible.2381664/>



2



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[deleted] OP • 1y ago

Awesome, thank you! i was wondering more so about using an adapter WITH a dock. I guess the dock as a passthrough would be immaterial then as long as you use the adapter?



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[Skip to main content](#)[Log In](#) **CalDigitDalton** • 1y ago

Hi, I'm the CalDigit Community Manager. There's unfortunately no way to pull this off with your current setup. M1 and M2 computers can only support up to HDMI 2.0b over Thunderbolt connections. Even with an HDMI 2.1 adapter, the HDMI specification is going to drop down to 2.0b at most.

  2   Reply  Share ... **karatekid430** • 1y ago

Thunderbolt and USB4 know nothing of HDMI. Any HDMI port uses a DP-HDMI converter after the Thunderbolt topology. DP1.4 is capable of 4K120Hz. An adapter is fine. Can you not spread misinformation?

 2   Reply  Share ... 13 more replies **karatekid430** • 1y ago

Any USB4 hub (for example OWC 5-in-1 Thunderbolt Hub) and a USB-C DP1.4 to HDMI2.1 adapter attached

  1   Reply  Share ... **razzfazz0815** • 1y ago • Edited 1y ago

Please don't make such absolute claims just based on what you *think should* work. You clearly haven't actually tried this yourself, and the fact of the matter is, as the CalDigit rep above pointed out, that in general this will *not* work on MacOS today — you won't get any FRL modes, which are needed for 4k120.

There are alternate firmwares that you can flash on some converters to make it work (see e.g. [this thread](#), but it most definitely does not just work with any HDMI 2.1 adapter.

 2   Reply  Share ... **[deleted] OP** • 1y ago

Thanks ! I see there are some conflicting opinions but appreciate this. Might just try it and see what happens -- if it doesn't work, I'll just return.

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Could someone recommend a TB4 Dock for running dual 4k 120hz for me?

6 upvotes · 25 comments



r/CalDigit • 8 mo. ago

Has the new Apple T4 Pro Dock already been discontinued?

4 upvotes · 8 comments



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Project HDMI complete!

36 upvotes · 6 comments



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Hdmi to ethernet extention

11 upvotes · 34 comments



r/SSUPD • 8 mo. ago

HDMI and DP Bracket

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r/RG35XX_Plus • 7 mo. ago

HDMI Plug

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Any experience with the Amazon Basics Thunderbolt 4 dock?

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r/UsbCHardware • 8 mo. ago

Docking station with built in KVM

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MZ-N10 dock conversion completed



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Thunderbolt 5 Dock Lists

8 upvotes · 31 comments



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HDMI to BNC

23 comments



r/Thermal • 5 mo. ago

Hikmicro mini3

5 upvotes · 6 comments



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[Memdock G2] Atrociously priced USB hub

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r/sp404mk2 • 2 mo. ago

Sp 404 mk2 workstation box



289 upvotes · 42 comments



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USB C to HDMI 2.1/4k 120Hz on M3 - What cable?

1 upvote · 5 comments



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4k @120hz on hdmi 2.0 for Sony A9S not working

1 upvote

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OLED G9 and M2 Pro Mac Mini: no 5120x1440 via HDMI 2.1?

2 upvotes · 6 comments



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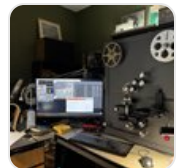
Can the ASUS PRIME B650-PLUS USB C ports can do DisplayPort 1.2 / alternate mode?

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147 upvotes · 33 comments



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