

Dasharo User Group #4 (Q4-2023)



NovaCustom

New community forum, Heads firmware status update, new models and a call for beta testers.

Introduction

- Established in 2015 (2018), NL
- Customisable
- Custom laser engraving
- Windows and GNU/Linux (or both)
- Privacy and security focused
- Right to repair and sustainability
- <https://novacustom.com>



Contents

- New: community forum and newsletter
- Heads firmware status update
- New models
- Call to the community and call for beta testers
- Near future plans
- Q&A



New: community forum and newsletter

- New forum
- Newsletter (max. 8/year)
 - Blog posts

The screenshot shows the NovaCustom community forum interface. At the top, there is a navigation bar with the NovaCustom logo, a search bar labeled "Search Forum", and a "Back to main site" link. Below the navigation bar, there is a "Start a Discussion" button and a "Latest" dropdown menu. The main content area displays a list of forum posts. Each post includes a user profile picture, the post title, the time since it was started, and a category tag. The posts are:

- Disk Encryption , Coreboot and laptop performance** (manuel started 5 hours ago) - Category: Advice | NV41 Series | 0 replies
- NS51 serie: external flashing guide** (novacustom replied 7 hours ago) - Category: Self repair | NS51 Series | 1 reply
- NovaCustom-Dasharo October-2023 Firmware Update (ADL v1.7.0 & TGL v1.5.0)** (oldschool replied 3 days ago) - Category: Blog posts | 3 replies
- Which Linux distro should I choose?** (AlessioBombardi replied 3 days ago) - Category: Blog posts | 3 replies
- How to optimise Windows 11 for privacy** (fuern3 replied 3 days ago) - Category: Blog posts | 1 reply
- change forum name** (novacustom replied 3 days ago) - Category: Support | Solved | 1 reply

On the left side of the forum, there is a sidebar with navigation options: All Discussions, Following, Tags, Blog posts, Support, Self repair, Advice, General, NV41 Series, NS51 Series, and Heads.



coreboot+Heads: explanation and benefits

- Protect the boot process
- Ensuring system's firmware and boot integrity
- Measured boot: cryptographic hashes for each component
- TPM hardware to securely store and attest
- Chain of trust
- Perfect in combination with Qubes OS



+

Heads



coreboot+Heads: current state

- Alpha testing phase
- Demonstration on the 7th of October (Qubes OS Summit): <https://www.youtube.com/live/xo2BVTn7ohs?t=8145>
- NV41 Series only
 - S3 suspend mode
 - Intel ME HAP disabling
 - Qubes OS certification



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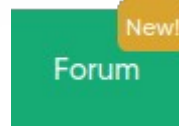
Heads



New models

- V54 Series → 14 inch
- V56 Series → 16 inch
- 16:10 Q-HD (?) screen display
- 73/80 WH battery
- New generation Intel Core
Meteor Lake: 5-125H / 7-155H
- Different graphics possible:
 - UMA model (Intel Graphics)
 - Nvidia RTX-4060
 - Nvidia RTX-4070





ENGAGE! UNITE IN RESOLUTION!

To report: <https://github.com/Dasharo/dasharo-issues/issues>

To discuss: <https://novacustom.com/forum>

To chat: <https://matrix.to/#/#dasharo-osf-vpub:matrix.org>



CALL FOR BETA TESTERS! 😊



novacustom 2 minutes ago

Hi everyone,

I'm looking for people who want to **help to test** upcoming versions of Dasharo coreboot+EDK-II for NovaCustom laptops with Dasharo firmware: v1.5.2 for 11th generation Intel Core and v1.7.2 for 12th generation Intel Core. You will be able to revert to a stable release in case there are problems with release candidate versions that are shared here. A bit of Linux terminal commands knowledge is preferred.

Who is in? 😊👍🌞

If this will be a success, we will do the same for the coreboot+Heads firmware version.

Reply

Follow

Original Post

1 of 2 posts
December 2023

Now

Help us by becoming a beta tester!

To join: <https://novacustom.com/forum/d/15-call-for-beta-testers>
Linux terminal commands knowledge



Near future plans

Q4-2023:

- Priority: Hotfix release v1.5.2 (11th Gen) and v1.7.2 (12th Gen)
- Dasharo Entry Subscription (Heads firmware)

2024:

- Q2: New models with 14th Gen Meteor Lake CPU
16:10, DDR5 and PCIe 5 (? - maybe still only PCIe 4 ...)
- Dasharo for all models we offer
 - Intel Boot Guard (???)
 - Capsule updates (???)



Thank you.

Time for questions and further discussions.