

# Dasharo User Group #9 (Q1-2025)



NovaCustom

**New products and plans for the near future**

# Introduction

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



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# Firmware related roadmap

## Q2-2025:

- EDK 2 rebase (old models, too)
  - UEFI Capsule Updates
  - Intel Boot Guard support
  - Sleep-and-charge ports
  - Fedora Ready Programme
  - Quiet boot and fast boot
- Increased performance for iGPU/-TU models
  - Bug fixes

## Included as well, or later:

- Ability to disable M.2 SSD
- NVIDIA disabling options
- Hardware kill switch support
  - Dasharo ACPI driver
  - fwupd support

# Qubes OS certified!

- V54 Series
- V56 Series
- Dasharo coreboot + UEFI (EDK II)
- Dasharo coreboot + Heads



# Update: hardware kill switches

- Privacy feature
- Cutting off power and signals
- No need to rely on software/firmware
- Separate for WiFi+BT and camera+mic
- Requires case modification
- Dropped for NV41 :-(  
• V54 and V56 Series
- Takes way more time than we thought



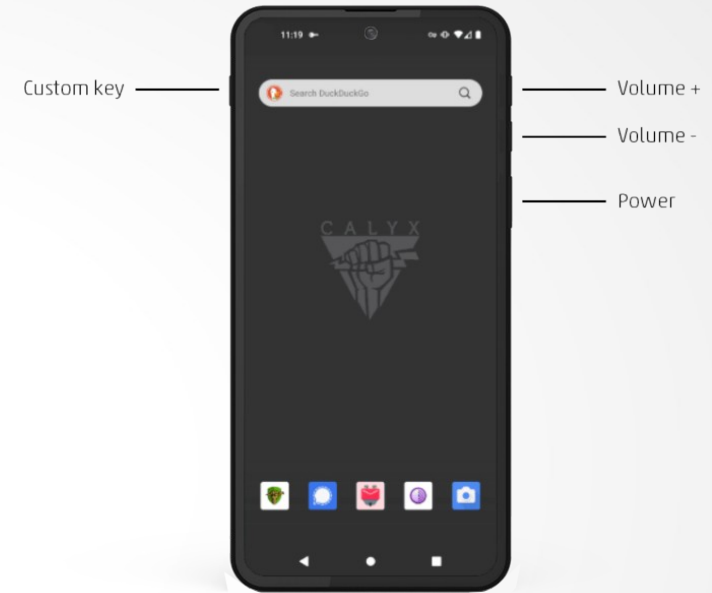
# New product: Mini PC

- Nuc Box
- Dasharo coreboot
- Intel Meteor Lake Ultra 5 125H / Ultra 7 155H CPU
- 3x USB-A, 2x USB-C, 2x Ethernet (2.5Gbits)
- Thunderbolt support
- 2x PCIe4 M.2 SSD slots
- 1x S-ATA slot
- VESA mount
  
- Will apply for Qubes OS certification



# New product: Smartphone

- Based on SHIFT
- Qualcomm® QCM6490 / Snapdragon 778G
- 6.67 inch F-HD+ AMOLED
- 12 GB RAM
- 256/512GB storage
- micro SD slot up to 2 TB
- CalyxOS
- Privacy and security
- MicroG, TorBrowser, F-Droid, Aurora Store
- Possibility to remove cameras
- Hardware kill switches
- Optional privacy screen
- Including bumper with logo customisation option
- Water proof IP66
- E-waste positive thanks to Closing the Loop
- Summer 2025





# NovaCustom smartphone: repairability





**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>

