Dasharo Roadmap

👋 Dasharo User Group #5 🎉
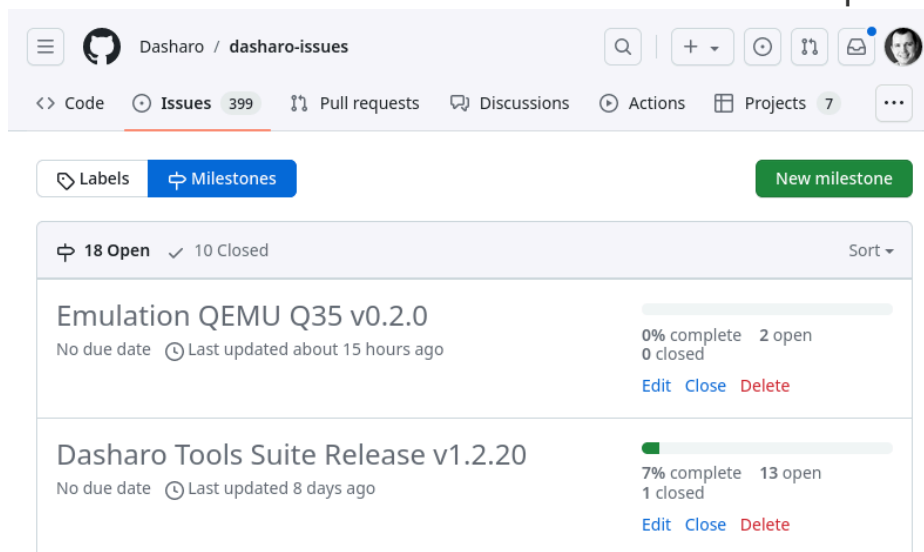
Dasharo Roadmap Disclaimer

"If the plan doesn't work change the plan but **never** the goal"

~Unknown

EmilysQuotes.Com

Please note that the roadmap for the Dasharo Community Support Program is subject to change and may not represent final release candidates or end of support dates. This roadmap is intended to provide guidance and direction for the program's development, but is not a guarantee of specific timelines or outcomes. For more information on release candidates or release dates, please contact the Dasharo Team directly.
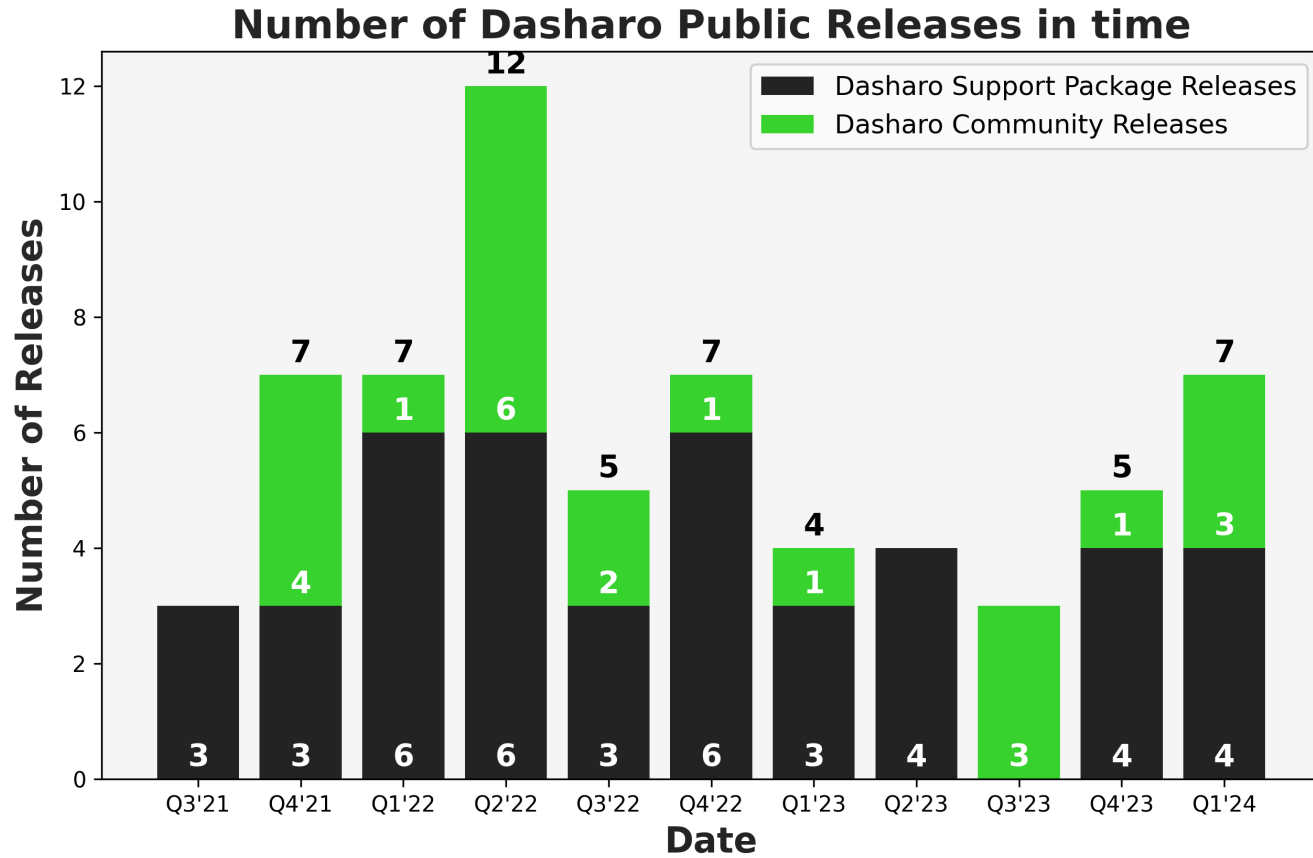
Dasharo Roadmap History

- For those watching this presentation first time we really encourage to look at past videos to get better context and understanding of the format.
  - [DUG#4](), [DUG#3](), [DUG#2](), [DUG#1]()
- We introduced statistics about our planning and execution effort.
- We decided to limit development stages we put on roadmap. Overall we are care about releases.
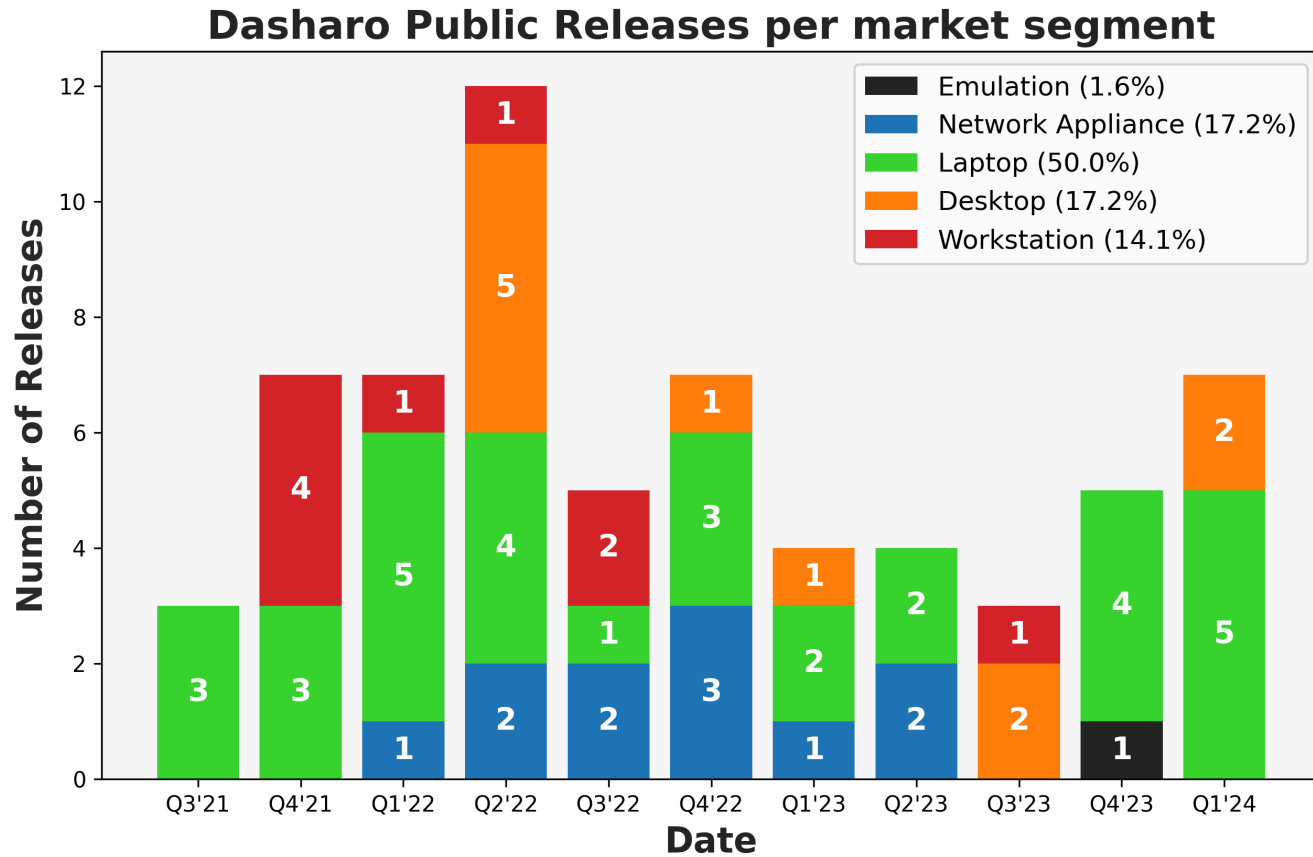- All releases can be tracked as milestones in Dasharo Issues repo on Github

Dasharo Releases in time

Number of Dasharo Public Releases in time

Dasharo Releases per segment

Dasharo Public Releases per market segment

Legend:
- Emulation (1.6%)
- Network Appliance (17.2%)
- Laptop (50.0%)
- Desktop (17.2%)
- Workstation (14.1%)

Dasharo Roadmap Status Overview
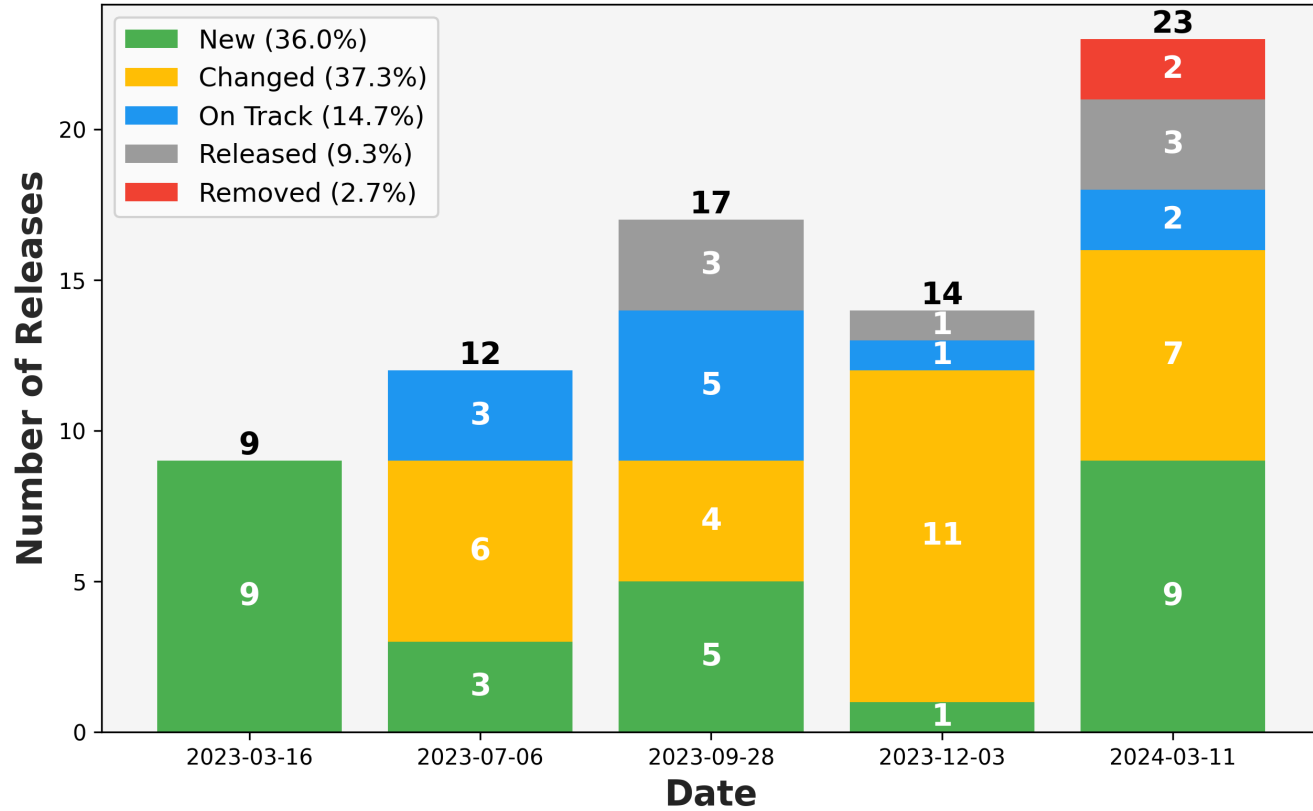
Dasharo Emulation Roadmap

Dasharo Emulation Roadmap
subject to change

	Year 2023	Year 2024		
	Q4	Q1	Q2	Q3
QEMU Q35 v0.1.0	Validation / Community Release			
QEMU Q35 v0.2.0				Community Release

- Dasharo(UEFI) for QEMU Emulator Q35 Machine type was released according to plan on 6th Dec 2023
- We heavily use that release in Dasharo OSFV
- v0.2.0 milestone was published on Dasharo Github

Dasharo Network Appliance Roadmap

Dasharo Network Appliance Roadmap
subject to change

	Year 2024			
	Q1	Q2	Q3	Q4
PC Engines apu2/3/4/6 coreboot+UEFI v0.9.0	Validation / DES Release			
coreboot+SeaBIOS v24.02.01.01		DES Release		
coreboot+SeaBIOS v4.0.34		DES Release		

- Dasharo(coreboot+UEFI) for PC Engines is in advanced development.

Dasharo for PC Engines

10% Pre-order discount
valid until 1st April !
~~46,00 EUR~~
41,40 EUR

- Personal use (<= 5 devices): https://dasharo.com/pcengines/buy
- Business inquiries, volume sales, OSS support:
  https://www.dasharo.com/pages/contact

Dasharo Network Appliance Roadmap

Dasharo Network Appliance Roadmap
subject to change

Year 2024			
Q1	Q2	Q3	Q4

Protectli VP4670 v0.9.0

- Evaluation
- Porting
- Validation
- DES Release
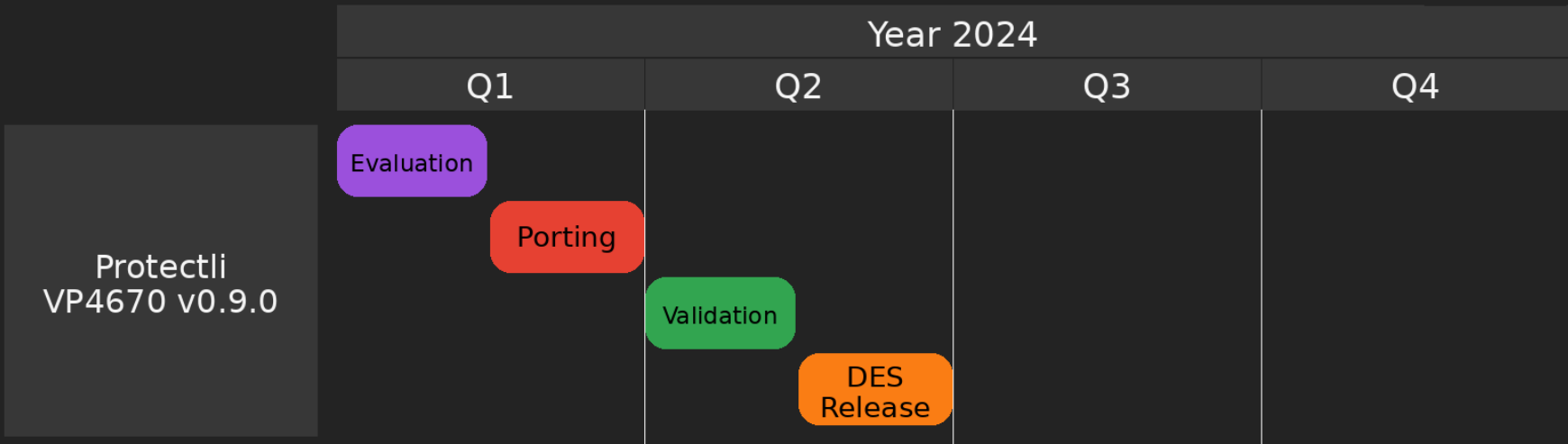
- We plan to demo TrenchBoot with Xen on this release at Xen Developers Summit in June

Dasharo Network Appliance Roadmap

Dasharo Network Appliance Roadmap
subject to change

Year 2024			
Q1	Q2	Q3	Q4

MinnowBoard Turbot Dasharo (coreboot+UEFI) v0.9.0

Porting

Validation

DES Release
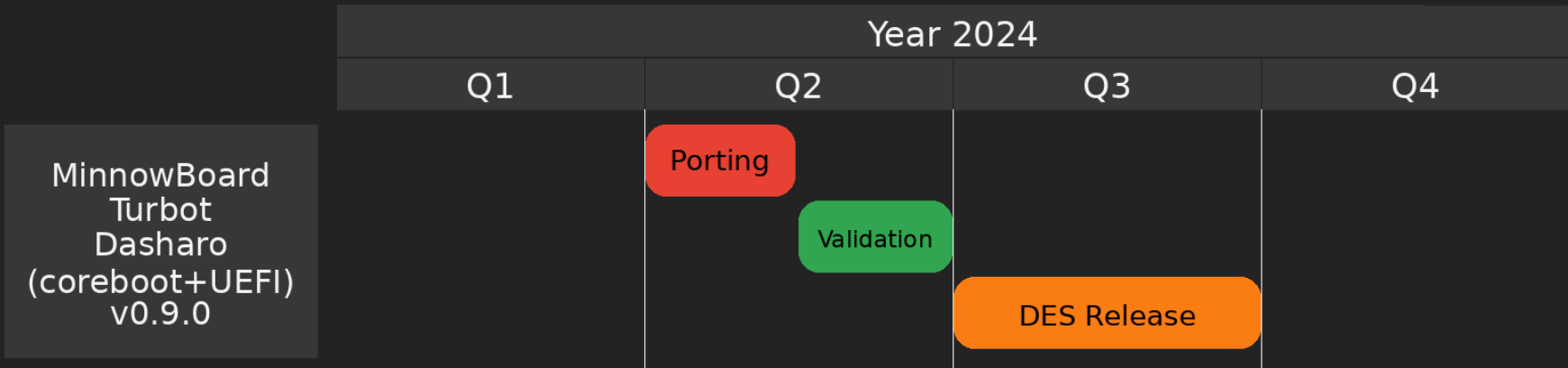
- Very old embedded platform but still used in industrial and robotics market.
- Support will be based on coreboot 4.11_branch.
- We plan to prove again our commitment to **long-term support**.
- Dasharo TrustRoot support.

Dasharo Laptops Roadmap

Dasharo Laptop Roadmap
subject to change

	Year 2024			
	Q1	Q2	Q3	Q4
Novacustom NV4x v0.9.0	Validation / DES Release			
Novacustom NV4x v0.9.1			DES Release	
Novacustom NV4x v1.8.0			DES Release	
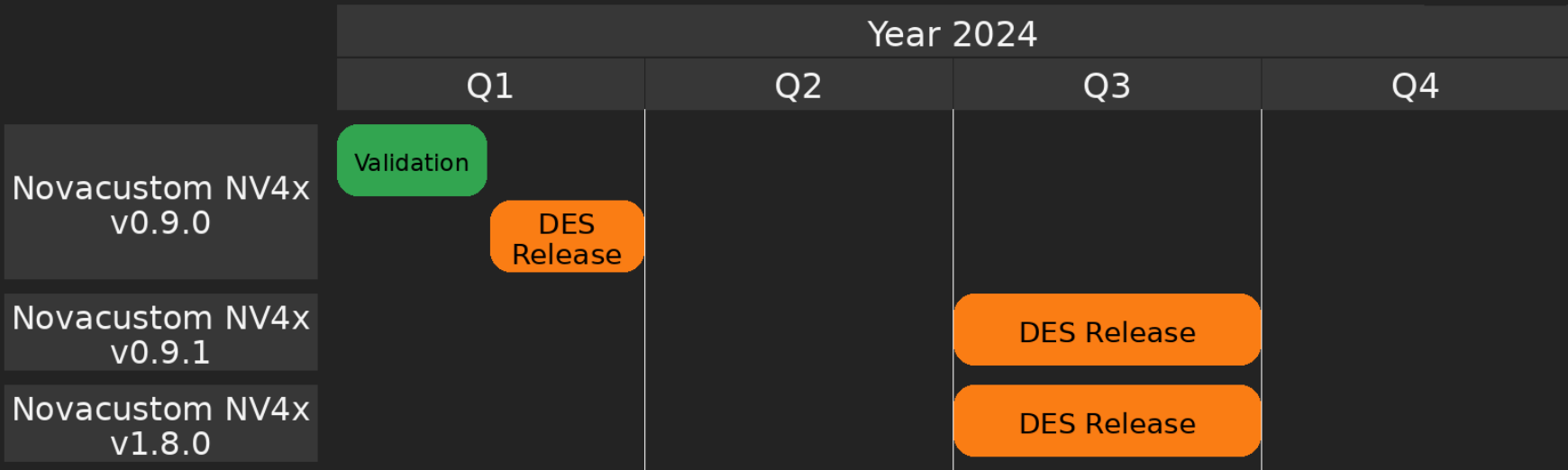
- v0.9.0 released according to plan, more information here
- v0.9.1 and v1.8.0: Dasharo TrustRoot using Dasharo or Customer keys

Dasharo Desktop Lenovo Roadmap

Dasharo Desktop Roadmap
subject to change

	Year 2024			
Lenovo ThinkCentre M700/M900 Tiny v0.9.0	Q1	Q2	Q3	Q4

- Evaluation
- Porting
- Validation
- DES Release
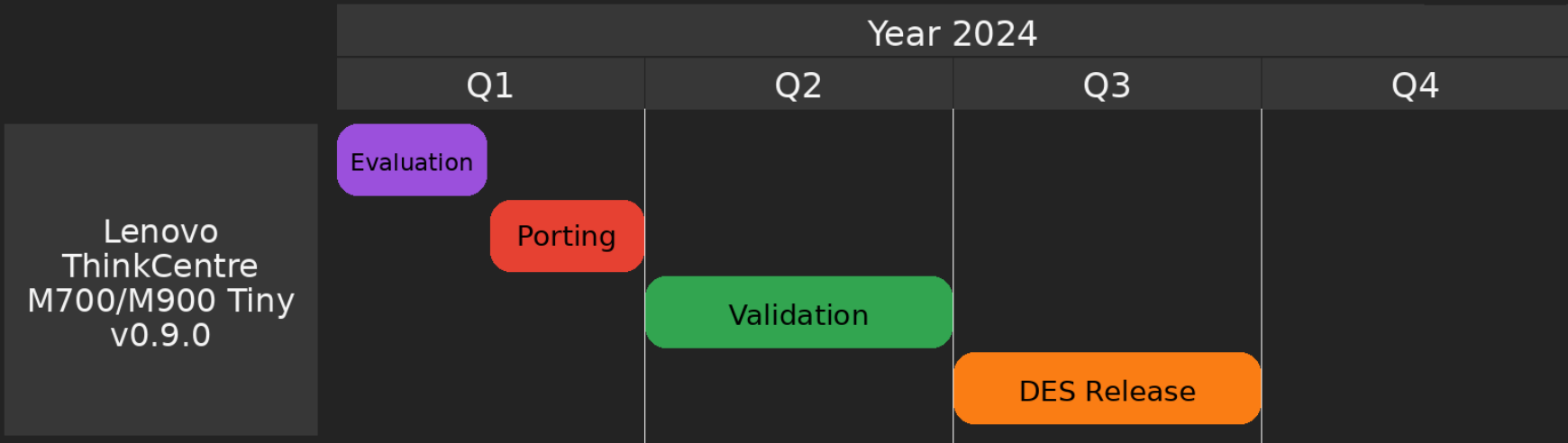
- Hardware model correction it should be M900 not M920Q
- Port was **merged to coreboot**. Congratulations to Michał (@mkc)

Dasharo Desktop Dell Roadmap

Dasharo Desktop Roadmap
subject to change

Year 2024			
Q1	Q2	Q3	Q4

Dell OptiPlex 7010/9010 v0.1.0

Validation

DES Release

- Dasharo(coreboot+SeaBIOS) v0.1.0 is planned to be demoed with TrenchBoot on Xen Developers Summit in June
- We removed T1650 because we don't think we will have time for it in foreseeable future.

Dasharo Desktop MSI Z690-A Roadmap

Dasharo Desktop Roadmap
subject to change

	Year 2024				Year 2025
	Q1	Q2	Q3	Q4	Q1
MSI PRO Z690-A v1.1.3	DES Release				
MSI PRO Z690-A v1.1.4			DES Release		
MSI PRO Z690-A v1.2.0			Validation	Community Release	

Dasharo Desktop MSI Z790-P Roadmap

Dasharo Desktop Roadmap
subject to change

	Year 2023	Year 2024			
	Q4	Q1	Q2	Q3	Q4
MSI PRO Z790-P v0.9.1	Validation	DES Release			
MSI PRO Z790-P v0.9.2				DES Release	
MSI PRO Z790-P v1.0.0				Validation	Community Release

Dasharo Desktop MSI Heads Roadmap

Dasharo Desktop Roadmap
subject to change

	Year 2023	Year 2024		
	Q4	Q1	Q2	Q3
MSI PRO Z790-P v0.9.0 coreboot+Heads	Porting	Validation / DES Release		
MSI PRO Z690-A v0.9.0 coreboot+Heads	Porting	Validation / DES Release		
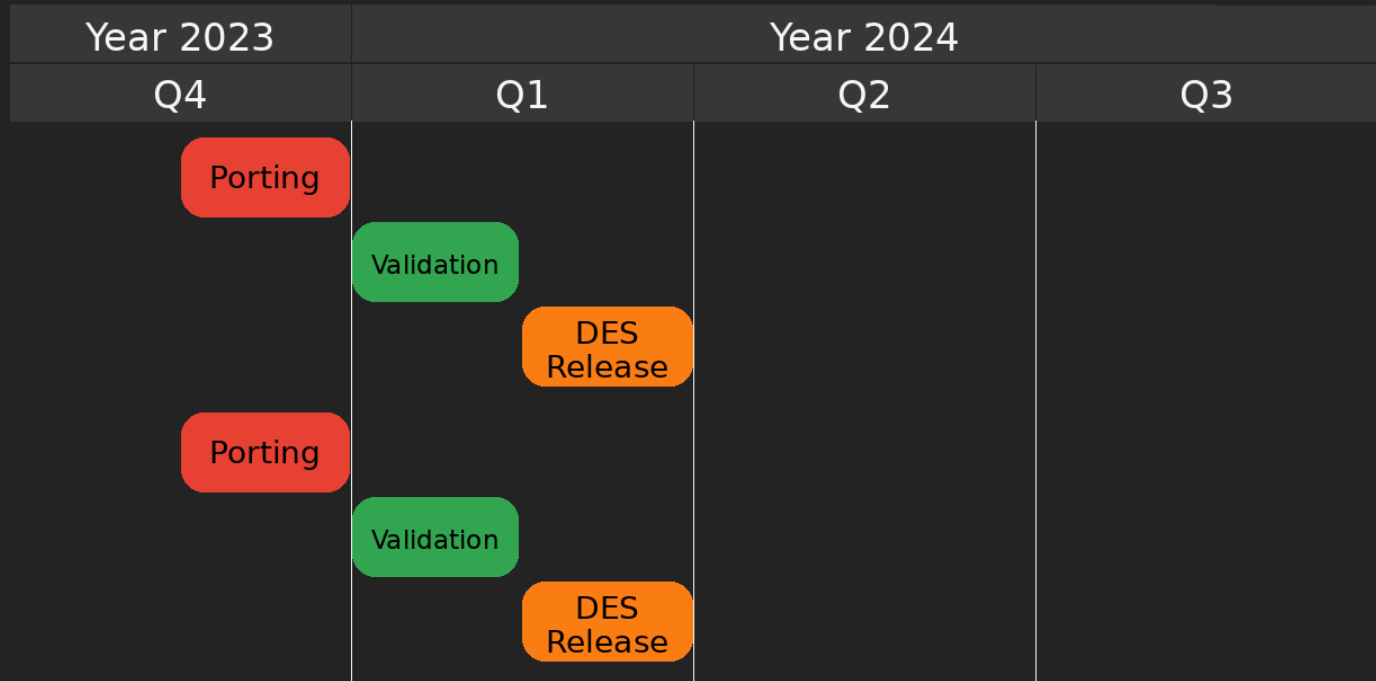
Dasharo Desktop ASRock Roadmap

Dasharo Desktop Roadmap
subject to change

	Year 2023	Year 2024		
	Q4	Q1	Q2	Q3
ASRock X370 Killer SLI/ac	Porting	Validation	DES Release	
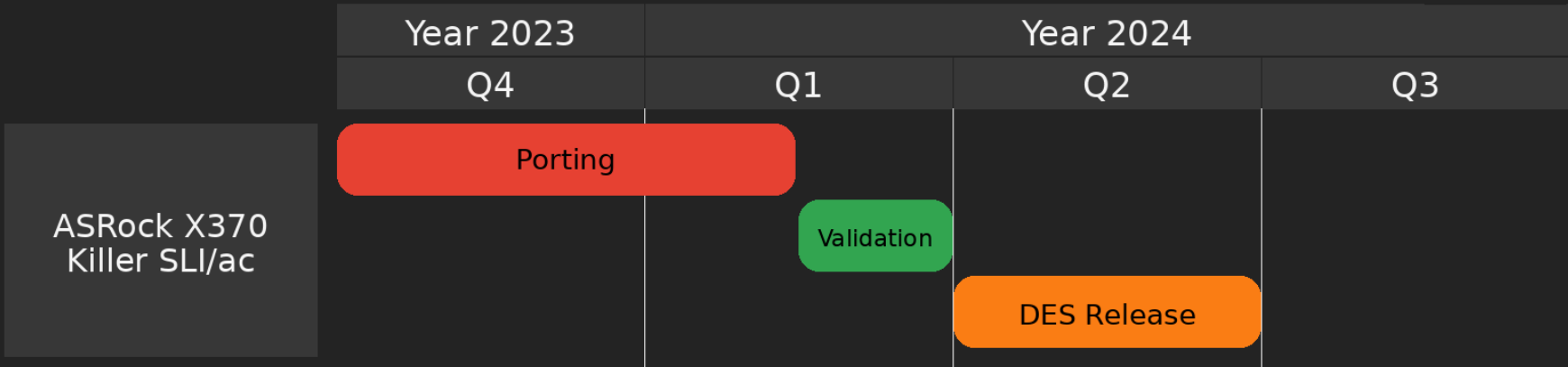
- Decision was made to pursue OpenSIL path, but this target may be replaced by AMD Phoenix-based one.
- Dasharo Supporting Partner discussion with multiple parties.
- There is no clear roadmap for x370 or x570 in Dasharo.

Dasharo Workstation Roadmap

Dasharo Workstation Roadmap
subject to change

	Year 2023	Year 2024		
	Q4	Q1	Q2	Q3
Raptor CS Talos II v0.8.0			Validation / DES Release	

- KGPE-D16 removed from Dasharo roadmap.
  - There are some parties interested in development.
  - FSFE probably will sponsor Denis 'GNUtoo' Carikli.
  - Also received communication from Adrien 'neox' Bourmault.
- Dasharo (coreboot+Heads) v0.8.0 for Talos II moved to Q2'24.'

Dasharo Server Roadmap

Dasharo Server Roadmap
subject to change

	Year 2023	Year 2024		
	Q4	Q1	Q2	Q3
Supermicro X11SSH-TF v0.1.0		Validation	DES Release	
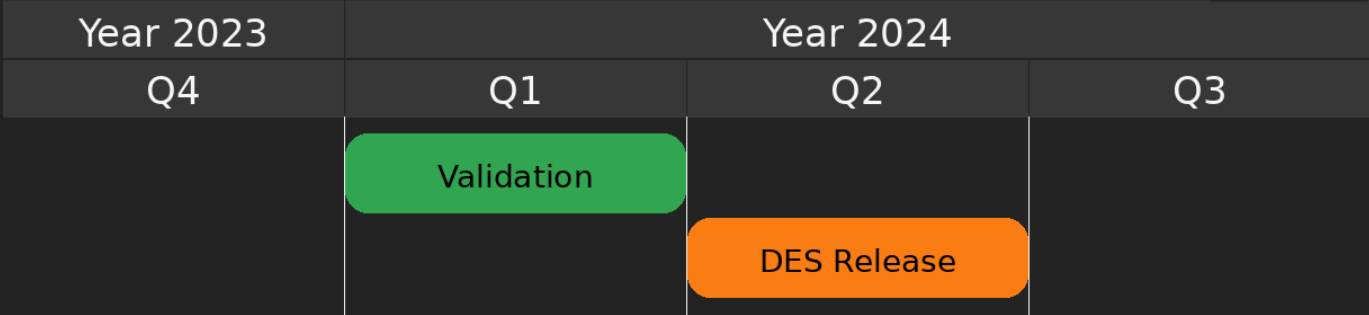
- Most likely we should remove this target if nothing will happen.
- We have other strategic approach in desktop/workstation market segment.

Q&A

CHANGELOG

Changelog DUG#5

- (NEW) QEMU Q35 v0.2.0 planned for Q3'24
- (CHANGED) PC Engines apu2/3/4/6 Dasharo (coreboot+UEFI) planned for Q1'24
  - release scope changed: additional platform apu4
- (NEW) PC Engines apu2/3/4/6 Dasharo (creboot+SeaBIOS) mainline planned for Q2'24
- (NEW) PC Engines apu2/3/4/6 Dasharo (creboot+SeaBIOS) legacy planned for Q2'24
- (CHANGED) Protectli VP4670 planned for Q2'24
  - release date changed to Q2'24 (-1)
- (NEW) MinnowBoard Turbot Dasharo(coreboot+UEFI) planned for Q2'24
- (RELEASED) Novacustom NV4x Dasharo (coreboot+Heads) v0.9.0 planned for Q4'23
- (NEW) Novacustom NV4x Dasharo (coreboot+Heads) v0.9.1 planned for Q3'24
- (NEW) Novacustom NV4x Dasharo (coreboot+UEFI) v1.8.0 planned for Q3'24
- (CHANGED) Lenovo M920Q planned for Q2'24
  - scope change/correction: ThinkCentre M700/M900 Tiny
- (CHANGED) Dell OptiPlex 7010/9010 v0.1.0 planned for Q4'23
  - release date changed to Q2'24 (+1)
- (REMOVED) Dell T1650 v0.1.0 planned for Q1'24

- (RELEASED) MSI Z690-A v1.1.3 planned for Q4'23
- (NEW) MSI Z690-A v1.1.4 planned for Q3'24
- (CHANGED) MSI Z690-A v1.2.0 planned for Q1'24
    - release date changed to Q2'24 (+2)
- (RELEASED) MSI Z790-P v0.9.1 planned for Q4'23
- (NEW) MSI Z790-P v0.9.2 planned for Q3'24
- (CHANGED) MSI Z790-P v1.0.0 planned for Q1'24
    - release date changed to Q2'24 (+2)
- (ON TRACK) MSI Z790-P Dasharo (coreboot+Heads) v0.9.0 planned for Q1'24
- (NEW) MSI Z690-P Dasharo (coreboot+Heads) v0.9.0 planned for Q1'24
- (REMOVED) ASUS KGPE-D16 v0.5.0 planned for Q2'24
- (CHANGED) RCS Talos II v0.8.0 planned for Q1'24
    - release date changed to Q2'24 (+1)
- (ON TRACK) Supermicro X11SSH-TF v0.1.0 planned for Q2'24
- Summary: 9 new, 7 changed, 2 on track, 3 released, 2 removed (total: 23)

- (RELEASED) QEMU Q35 v0.1.0 release
- (CHANGED) PC Engines apu3 planned for Q4'23
  - release date changed to Q1'23 (+1)
  - add support for apu2 and apu6
- (CHANGED) Protectli VP4670 planned for Q2'24
  - release date changed to Q3'23 (+1)
- (CHANGED) Novacustom NV4x Dasharo (coreboot+Heads) v0.9.0 planned for Q4'23
  - release date changed to Q1'24 (+1)
- (CHANGED) Lenovo M920Q planned for Q2'24
  - release date changed to Q3'24 (+1)
- (CHANGED) Dell OptiPlex 7010/9010 v0.1.0 planned for Q4'23
  - release date changed to Q1'24 (+1)
- (CHANGED) Dell T1650 v0.1.0 planned for Q1'24
  - release date changed to Q3'24 (+2)
- (CHANGED) MSI Z690-A v1.1.3 planned for Q4'23
  - release date changed to Q1'24 (+1)

- (CHANGED) MSI Z690-A v1.2.0 planned for Q1'24
    - release date changed to Q2'24 (+1)
- (CHANGED) MSI Z790-P v1.0.0 planned for Q1'24
    - release date changed to Q2'24 (+1)
- (ON TRACK) MSI Z790-P v0.9.1 planned for Q4'23
- (CHANGED) MSI Z790-P Dasharo (coreboot+Heads) v0.9.0 planned for Q1'24
    - release date changed to Q1'24 (-1)
    - version changed to v0.9.0
- (CHANGED) ASUS KGPE-D16 v0.5.0 planned for Q2'24
    - release date changed to Q3'24 (+1)
- (NEW) RCS Talos II v0.8.0 planned for Q1'24
    - depends on agreeing on Heads commit on which we should integrate things, we already one month blocked because lack of decision
- Summary: 1 new, 11 changed, 1 on track, 1 released, 0 removed (total: 15)

Changelog DUG#3

- (ON TRACK) QEMU Q35 v0.1.0 planned for Q4'23
- (NEW) PC Engines apu3 v0.9.0 planned for Q4'23
- (NEW) Protectli VP4670 v0.9.0 planned for Q2'24
- (NEW) Novacustom NV4x Dasharo (coreboot+Heads) v0.9.0 planned for Q2'24
- (NEW) Lenovo M920Q v0.9.0 planned for Q2'24
- (CHANGED) Dell OptiPlex 7010/9010 v0.1.0 planned for Q4'23
    - release type changed to DES
- (CHANGED) Dell T1650 v0.1.0 planned for Q1'24
    - release type changed to DES
- (RELEASED) MSI Z690-A v1.1.2 planned for Q3'23
- (ON TRACK) MSI Z690-A v1.1.3 release planned for Q4'23
- (ON TRACK) MSI Z690-A v1.2.0 planned for Q1'24
- (RELEASED) MSI Z790-P v0.9.0 planned for Q3'23

- (ON TRACK) MSI Z790-P v0.9.1 planned for Q4'23
- (ON TRACK) MSI Z790-P v1.0.0 planned for Q1'24
- (NEW) MSI Z790-P Dasharo (coreboot+Heads) v1.0.1 planned for Q2'24
- (CHANGED) ASUS KGPE-D16 v0.5.0 planned for Q1'24
  - release type changed to DES
  - release date changed to Q2'24 (+1)
- (RELEASED) RCS Talos II v0.7.0 planned for Q3'23
- (CHANGED) Supermicro X11SSH-TF v0.1.0 planned for Q1'24
  - release date changed to Q2'24 (+1)
- Summary: 5 new, 4 changed, 5 on track, 3 released, 0 removed (total: 17)

- (CHANGED) QEMU Q35 v0.1.0 planned for Q3'23
  - release date changed to Q4'23 (+1)
- (CHANGED) Dell OptiPlex 7010/9010 v0.1.0 planned for Q2'23
  - release date changed to Q4'23 (+2)
- (CHANGED) Dell T1650 v0.1.0 planned for Q3'23
  - release date changed to Q1'24 (+2)
- (ON TRACK) MSI Z690-A v1.1.2 planned for Q3'23
- (NEW) MSI Z690-A v1.1.3 release planned for Q4'23
- (CHANGED) MSI Z690-A v1.2.0 planned for Q4'23
  - release date changed to Q1'24 (+1)
- (NEW) MSI Z790-P v0.9.0 planned for Q3'23
- (NEW) MSI Z790-P v0.9.1 planned for Q4'23
- (ON TRACK) MSI Z790-P v1.0.0 planned for Q1'24
- (CHANGED) ASUS KGPE-D16 v0.5.0 planned for Q3'23
  - release date changed to Q1'24 (+2)

- (ON TRACK) RCS Talos II v0.7.0 planned for Q3'23
- (CHANGED) Supermicro X11SSH-TF v0.1.0 planned for Q4'23
  - release date changed to Q1'24 (+1)
- Summary: 3 new, 6 changed, 3 on track, 0 released, 0 removed (total: 12)

- (NEW) QEMU Q35 v0.1.0 planned for Q3'23
- (NEW) Dell OptiPlex 7010/9010 v0.1.0 planned for Q2'23
- (NEW) Dell T1650 v0.1.0 planned for Q3'23
- (NEW) MSI Z690-A v1.1.2 planned for Q3'23
- (NEW) MSI Z690-A v1.2.0 planned for Q4'23
- (NEW) MSI Z790-P v1.0.0 planned for Q1'24
- (NEW) ASUS KGPE-D16 v0.5.0 planned for Q3'23
- (NEW) RCS Talos II v0.7.0 planned for Q3'23
- (NEW) Supermicro X11SSH-TF v0.1.0 planned for Q4'23
- Summary: 9 new, 0 changed, 0 on track, 0 released, 0 removed (total: 9)