👋 DUG#5 Shameless Plug 👋

What is ”Shameless Plug”

- 🎯 Yes, this is about marketing our products. But it's more than that.
- 🌱 **Growth & Transparency:** Showcasing our evolution and our dedication to the open-source ethos.
- 📚 **Historical Record:** For us at 3mdeb, future customers, and the privacy & security community to reflect and improve.
- 📈**Explore Business Model:** If we will fail at least you will know what you should not do when doing open-source firmware-based business.

What we will talk about

- Hardware,
- Services,
- Dasharo Entry Subscription
- Merchandise,
- Everything available in 3mdeb shop: https://shop.3mdeb.com

SDWire

89,00 €
(ex. VAT)

Overview

SDWire allows to flash SD card connected to the DUT (Device Under Test), without physical contact with the device. It serves as a SD card reader and SD card mux in one device. The PCB board is designed in such a way that it fits into micro SD card slots. Thanks to this, there is no need for special cables with a micro SD adapter, like in the muxPi product.

Documentation:

- Getting started
- Specification
- Usage
- FAQ Section

28 in stock

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Enquiry for this product

https://shop.3mdeb.com/shop/open-source-hardware/sdwire/

Remote Testing Environment (RTE)

RTE

★★★★★

199,00 €

(ex. VAT)

Overview

Remote Testing Environment is a hat designed for Orange Pi Zero board which runs specially crafted Linux distribution using the Yocto Project.

We developed **RTE** to enable programmers from around the world in low level firmware development without hassle of heavy KVM switch interface.

As a result we have a tool which makes firmware debugging tasks easy.

Offer includes: 1x RTE v.1.1.0 + 1x Orange Pi Zero (256 MB RAM) + 1x power supply (MicroUSB 5V/2A) + 1x 16GB microSD card (with dedicated Yocto Linux distribution for RTE) + 1x DC Jack – DC Jack power cable + 1x IDC wires for SPI + 1x RS232 D-Sub 9P/9P cable + 1x Pomona 8-pin SOIC clip + 8x standard 2.54mm connection wires + 2x jumper + 4x spacers

Documentation:

- Datasheet
- Product page

Production:

The RTE is currently available on backorder with production underway, expected to be completed in the second half of April.

Available on backorder

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Enquiry for this product

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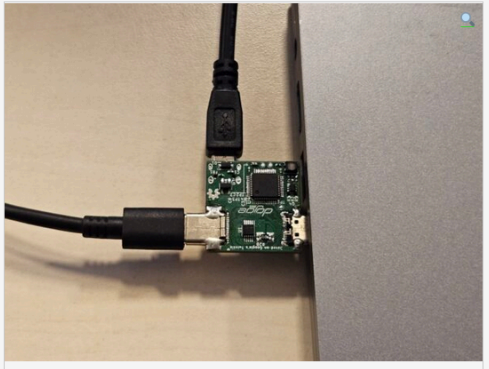
Twonkie



Twonkie – USB-C sniffer

112,00 €
(ex. VAT)

Overview

An exclusive USB-PD sniffer/injector/sink inspired by the renowned Google project, Twinkie. It has been reimagined to be accessible to all enthusiasts. Twonkie is an excellent open-source solution for:

- Sniffing USB Power Delivery traffic on both Control Channel lines (CC1/CC2)
- Transparent interposer on a USB Type-C connection
- Monitoring VBUS and VCONN voltages and currents (Supports USB PD 3.1 EPR voltages up to 48V)
- Injecting PD packets on CC1 or CC2
- Putting Rd/Rp/Ra resistors on CC1 or CC2

The hardware design of Twonkie by Joachim "dojoe" Fenkes is licensed under CC BY 4.0.

Documentation:

- Twonkie Introduction at Dasharo Universe
- GitHub documentation

12 in stock

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Enquiry for this product

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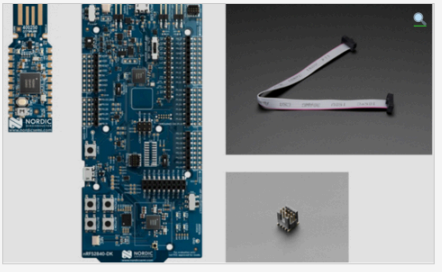
Fobnail DevKit



Fobnail Token Development Kit

99,00 €
(ex. VAT)

Overview

Fobnail Project provides resources to create an axiomatically trustworthy device and a simple user interface to attest the platform's state. For a detailed project description, please check here.

The Fobnail Token is an open-source hardware reference design of a USB device with a unique purpose – ensuring the integrity of your system. This tiny yet powerful device serves as a guardian for users, administrators, and enterprises alike, offering a reliable means to verify the security and trustworthiness of your system.

The Fobnail Token Development Kit provides a versatile set of tools and components carefully selected to facilitate your exploration and experimentation. Whether you're a seasoned hardware enthusiast or a beginner eager to learn, this kit offers hands-on experience in building, testing, and customizing your hardware solutions.

Documentation:

- Official Fobnail Documentation
- Fobnail Architecture
- Fobnail Project detailed description
- Cloning and building

10 in stock

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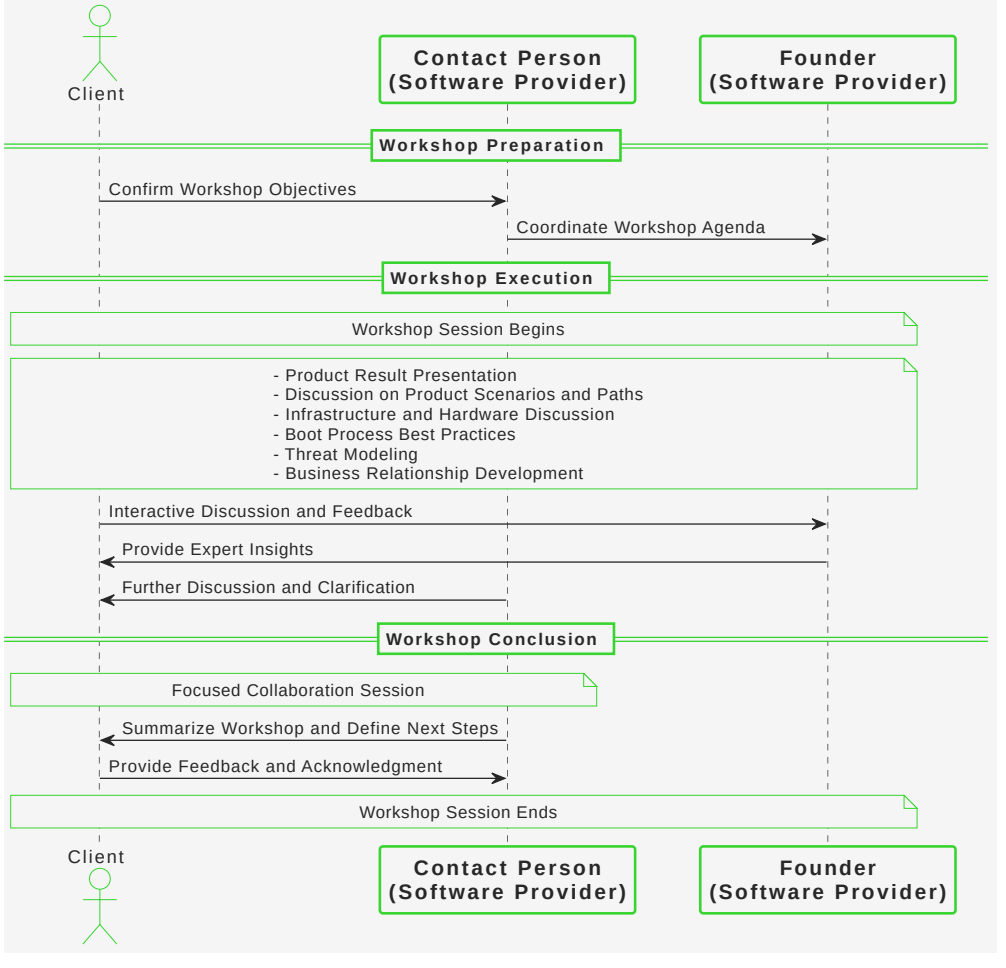
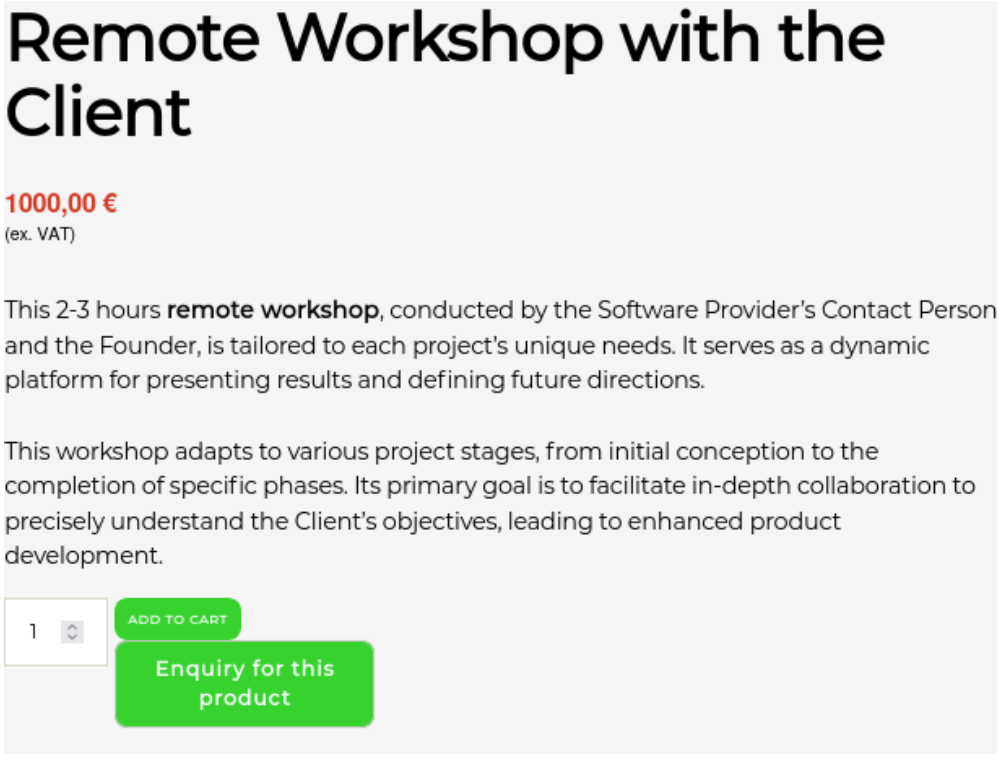
Remote Workshop with the Client



Remote Workshop with the Client



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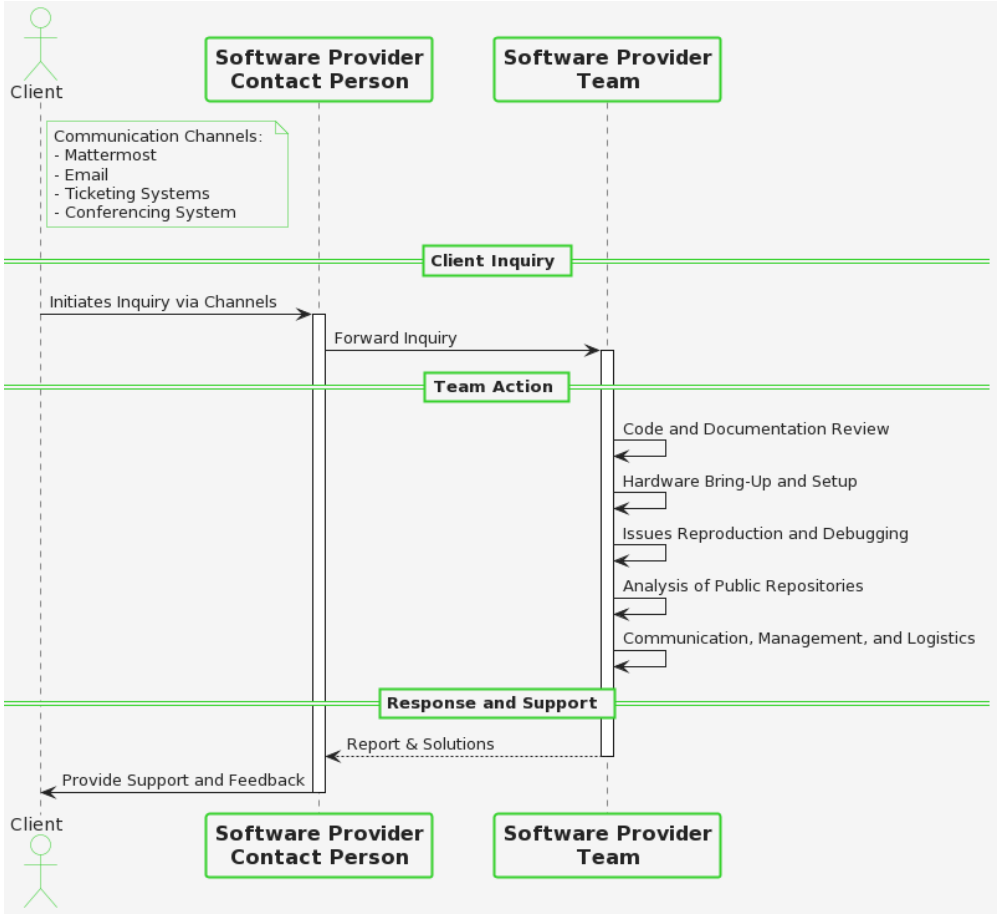
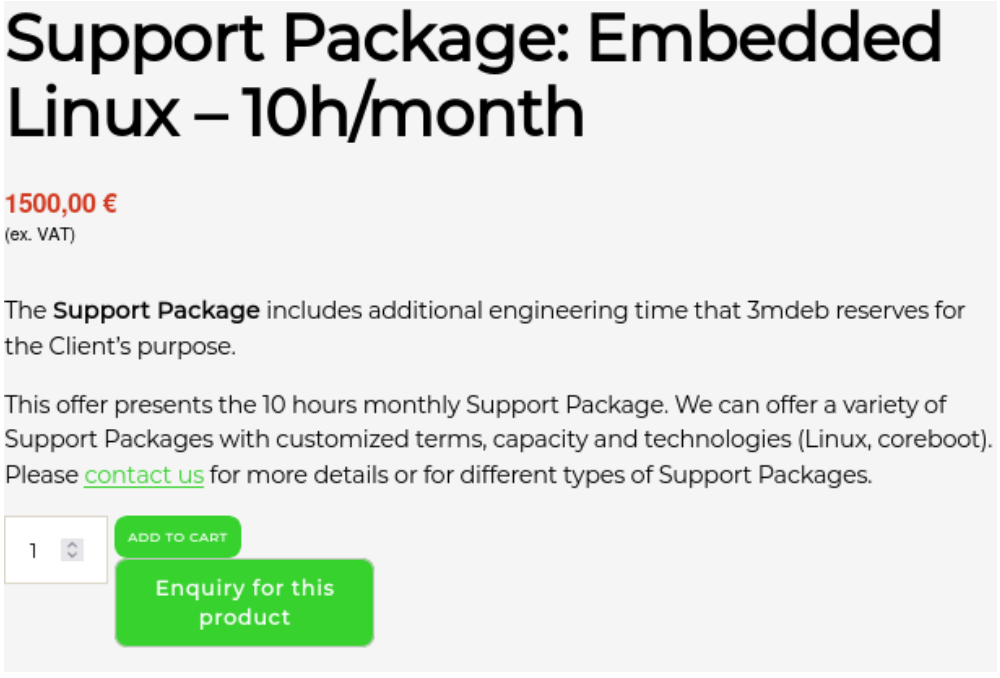
Support Package



Support Package



https://shop.3mdeb.com/shop/services/support-package-embedded-linux-10h-month/

Open-source firmware custom builds

PC Engines APU Custom Build

Overview

Are you looking for a tailored solution for your PC Engines platform(s) that matches your unique firmware needs? Look no further! We've got the perfect offer just for you.

Introducing our **Custom PC Engines Firmware Service** – Your Gateway to Personalization!

Documentation:

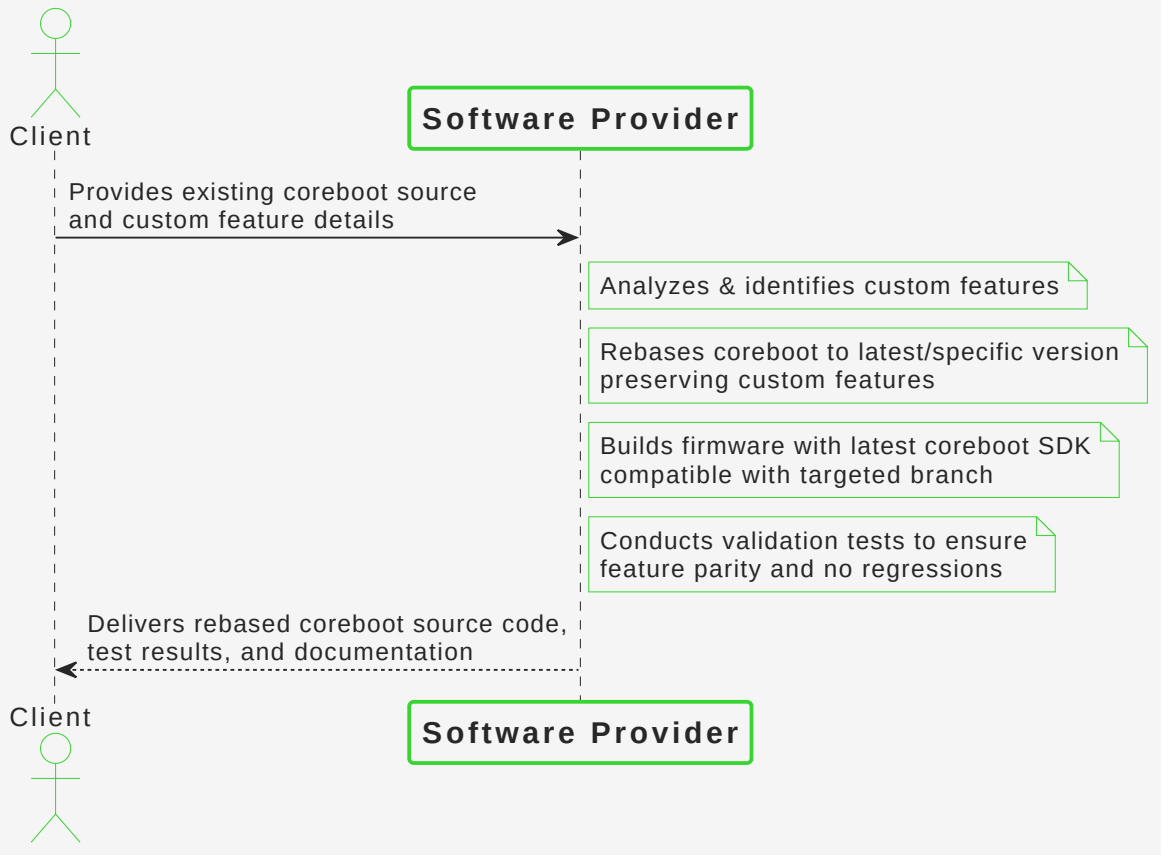
- Official GitLab Repository
- Official PC Engines GitHub Page
- APU2 Documentation
- PC Engines at Dasharo Universe

We customize the pricing for this service according to each customer's specific requirements.

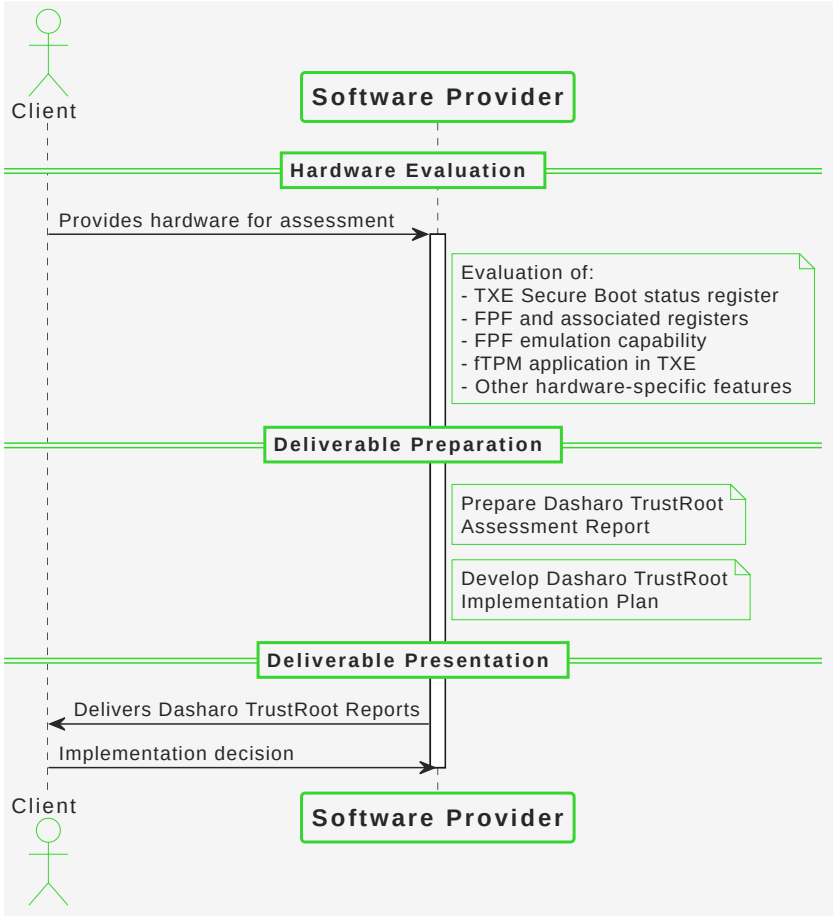
Enquiry for this product

https://shop.3mdeb.com/shop/services/pc-engines-custom-build/

Open-source firmware rebase



Assessments



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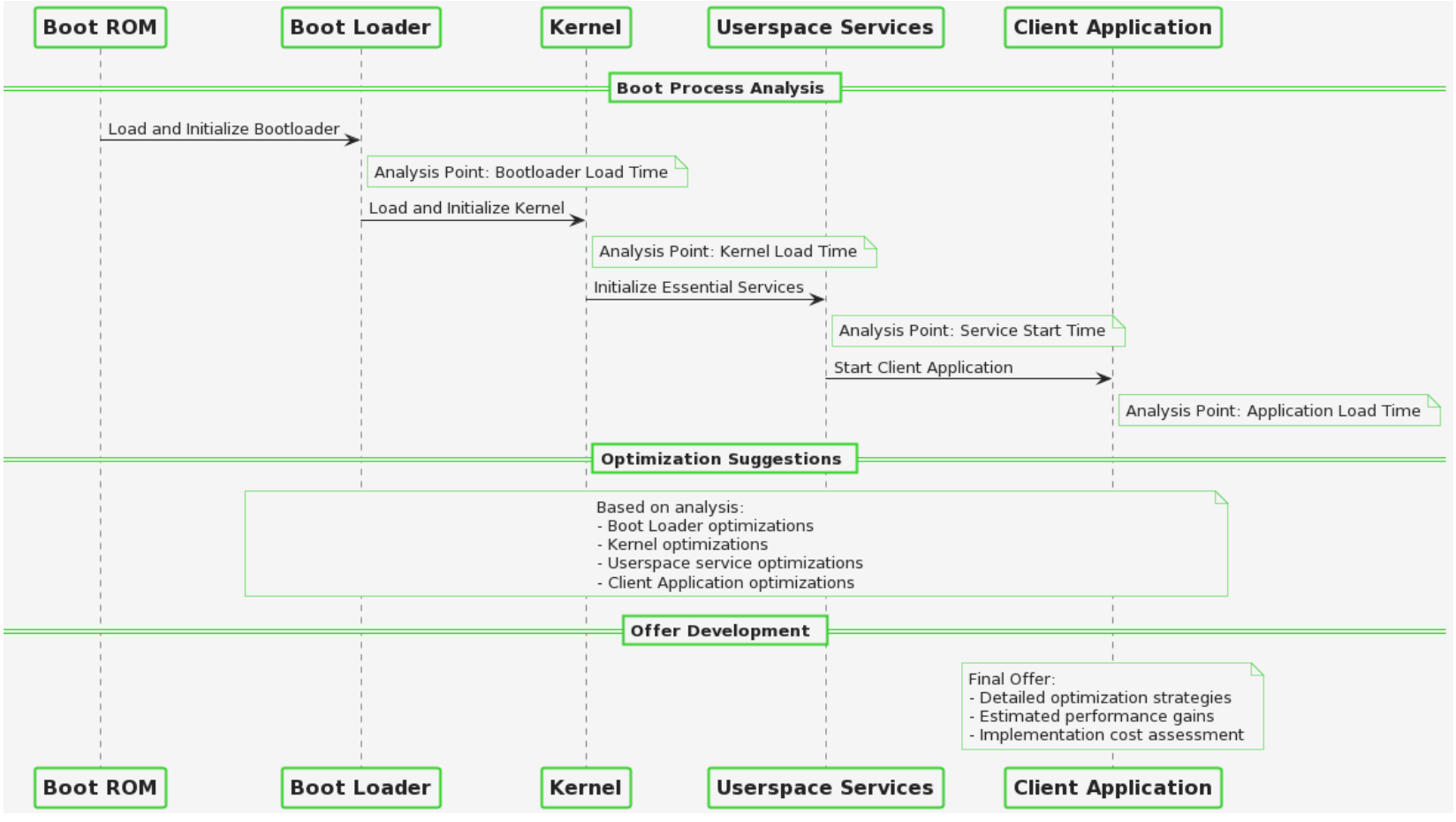
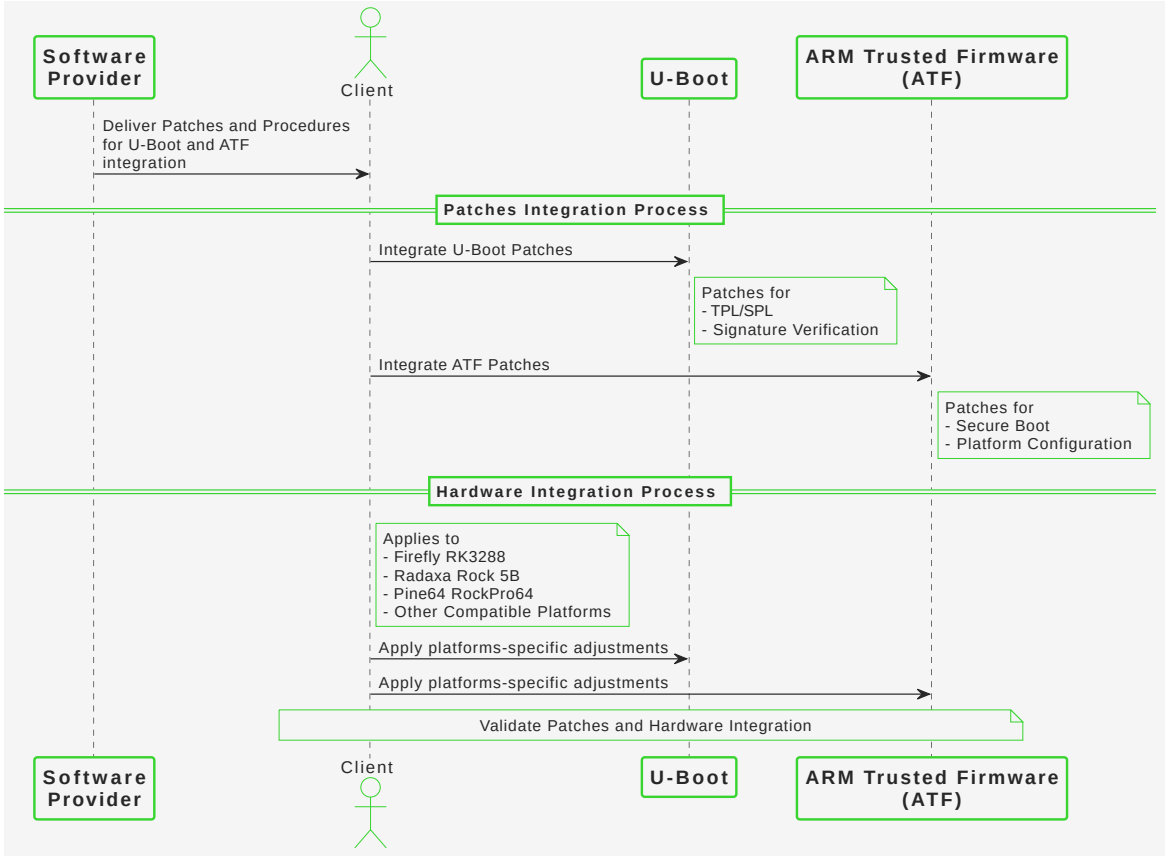
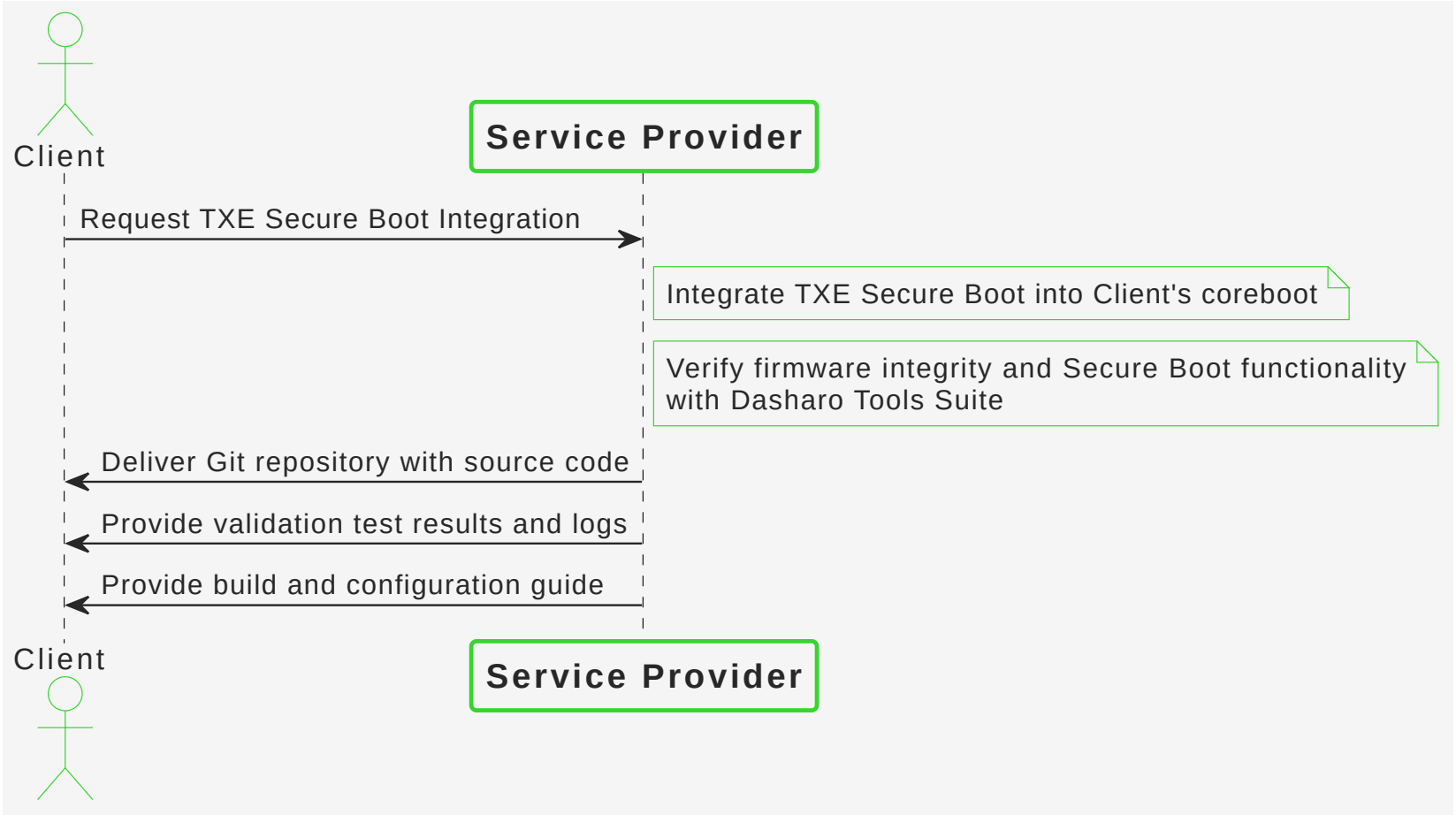


Secure Boot Integration



Secure Boot Integration



Dasharo Entry Subscription

1 year Dasharo Entry Subscription for Desktop

60,00 €

(ex. VAT)

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10% Pre-order discount valid until 1st April !

~~46,00 EUR~~

41,40 EUR

1 year Dasharo Entry Subscription for Network Appliance

41,40 €

(ex. VAT)

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2 year Dasharo Entry Subscription for Desktop

120,00 €

(ex. VAT)

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3 year Dasharo Entry Subscription for Desktop

180,00 €

(ex. VAT)

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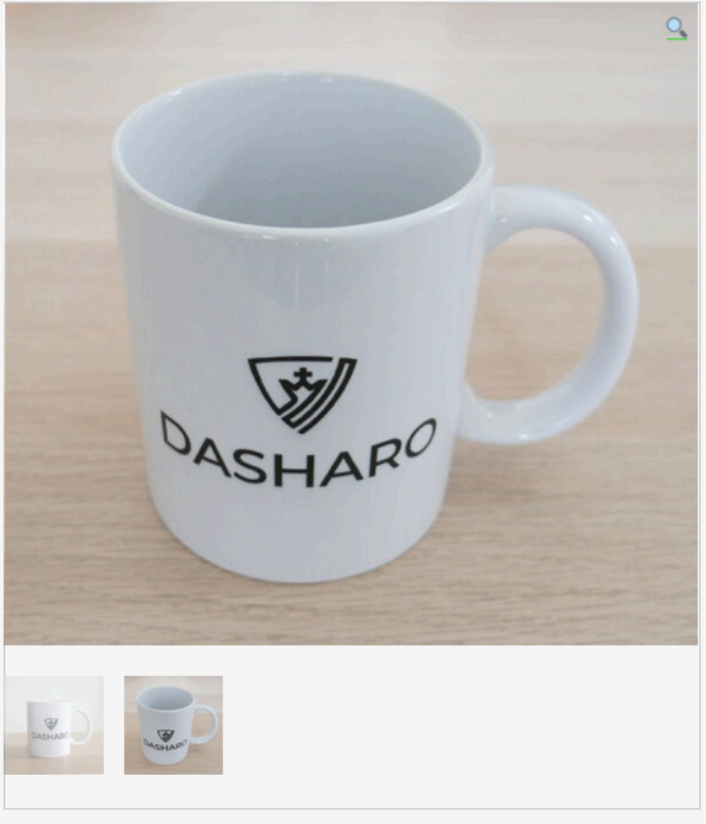
Dasharo Mug



Dasharo Mug

15,00 €
(ex. VAT)

A brand new **Dasharo Mug** for your favorite drink.

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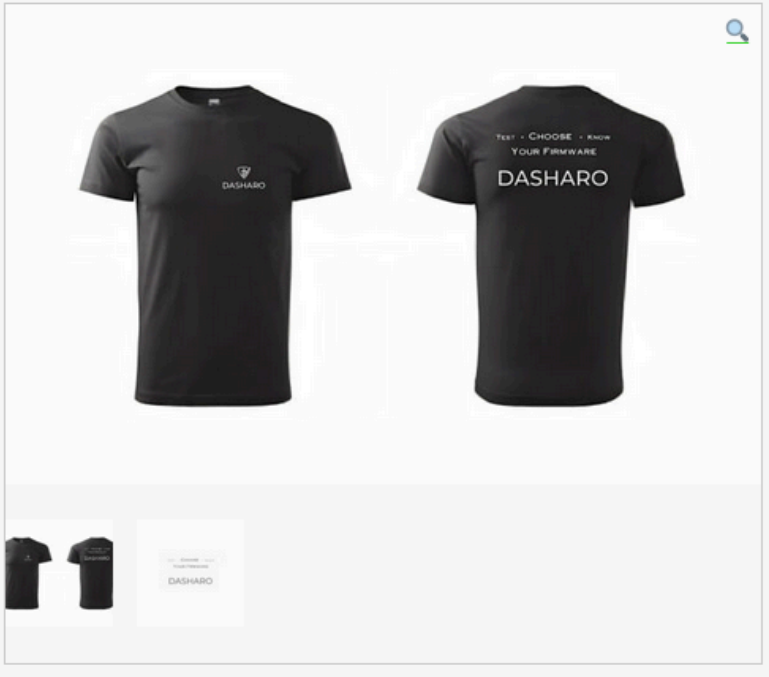
Dasharo T-Shirt



Dasharo T-Shirt

20,00 €
(ex. VAT)

A brand new black **Dasharo T-Shirt**.

Front:
Dasharo logo

Back:
Test + Choose + Know / Your Firmware / DASHARO

Please choose your size below:

Size	Choose an option

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Shameless Unplug

https://shop.3mdeb.com

Q&A