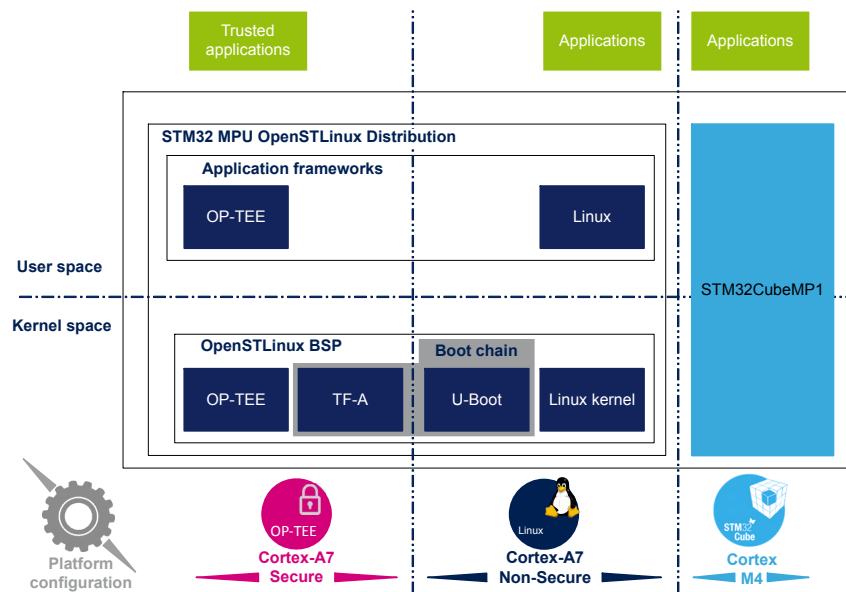


STM32MP1 Series developer package OpenSTLinux



Product status link

[STM32MP1Dev](#)


Features

- OpenSTLinux BSP with:
 - Boot chain based on TF-A and U-Boot
 - OP-TEE secure OS running on the Arm® Cortex®-A in secure mode
 - Linux® kernel running on the Arm® Cortex®-A in non-secure mode
- Application frameworks composed of middlewares relying on the BSP and providing API

Description

This developer package provides elements for the OpenSTLinux Distribution (development on Arm[®] Cortex[®]-A processor). It includes the software development kit (SDK software development kit), based on Yocto SDK software development kit, for cross-development on an host PC.

It also includes the following pieces of software in source code: Linux[®] kernel, U-Boot, trusted firmware-A (TF-A), and an optional open source trusted execution environment (OP-TEE).

Note that the application frameworks for the OpenSTLinux Distribution are not available as source code in this package.

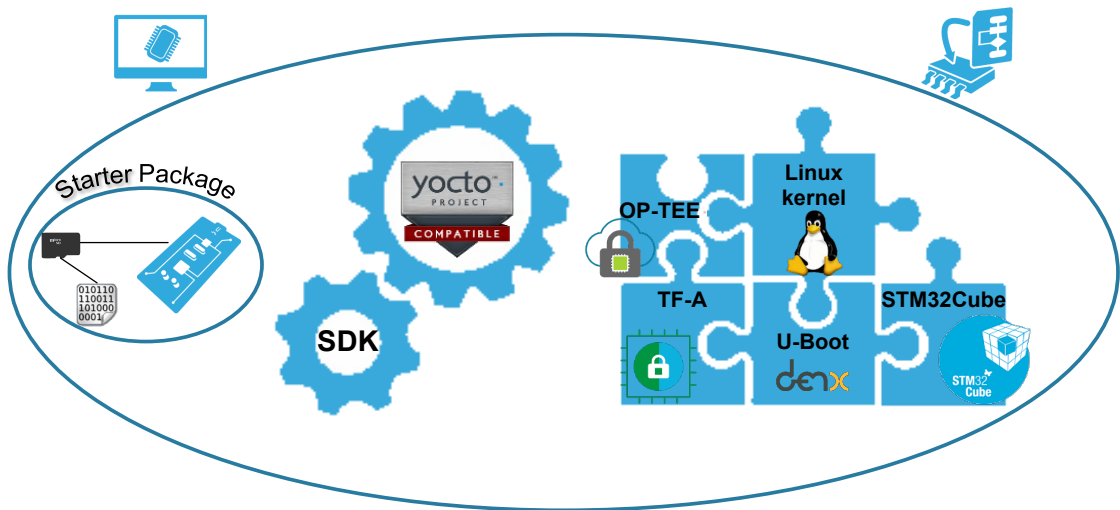
1 General information

The STM32MP1Dev package runs on STM32 Arm® Cortex® MPUs based on Arm® cores.

Note: Arm is a registered trademark of Arm Limited (or its subsidiaries) in the US and/or elsewhere.



Figure 1. STM32MP1 developer package OpenStLinux



1.1 Ordering information

STM32MP1Dev is available for free download from the www.st.com website.

1.2 License

STM32MP1Dev is delivered under the *Mix Ultimate Liberty+OSS+3rd-party V1* software license agreement (SLA0048).

Software component license agreements:

The software components provided in this package come with different license schemes.

Please refer to https://wiki.st.com/stm32mpu/index.php/OpenSTLinux_licenses.

Revision history

Table 1. Document revision history

Date	Version	Changes
13-Feb-2019	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2019 STMicroelectronics – All rights reserved