

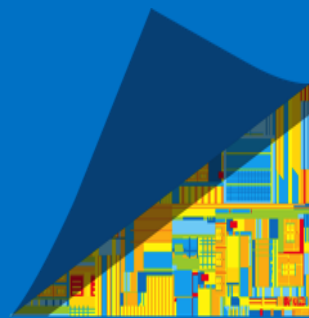


Bay Trail M/D - Intel® Trusted Execution Engine (Intel® TXE) 1.1 Firmware

Intel® TXE FW 1.1.4.1145 PV Release for Windows* 7, Windows* 8.1 & Windows* 10 64b Platforms

Customer Communication

WW28, July 2015



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Intel® Trusted Execution Engine (Intel® TXE)

1.1.4.1145 PV release - General Overview

- Intel® Trusted Execution Engine (Intel® TXE) 1.1.4.1145 Firmware PV version for Windows* 7/8.1/10 64bit.

This release is posted to Intel® VIP

✓ Kit # 107987

- Intel TXE 1.1 FW size is 1.375MB.
- Supported Operating Systems:
 - Windows* 10 x64b
 - Windows* 8.1 x64b
 - Windows* 7 x64b

Important Notes

This release contains two versions of the Intel® TXE PV Firmware:

- Production version which is signed by Intel, will run on QS Silicon
- Pre-production version which is unsigned
- PV firmware is intended for full system integration testing, with all POR features, all platform configurations supported, and all POR operating systems.

Important Notes – cont'd

The VCN (Version Control Number) value has increased in Intel® TXE FW version 1.1.4.1145 (PV Version) to '13'.

As a result downgrades from Intel® TXE FW Version 1.1.4.1145 to earlier Intel® TXE FW versions will not be possible.

Full Intel® TXE FW updates from earlier releases to version 1.1.4.1145 are supported.

Important Notes – continued

PV POR configuration is either one of the following:

- Signed Intel TXE FW and Production Silicon
- Unsigned Intel TXE FW and Pre-Production Silicon

Notes:

- In this kit, Unsigned Pre-Production Intel TXE FW is provided for Development and Testing needs with Pre Production Silicon.
- For Manufacturing and Mass Production purposes Signed Intel TXE FW and Production Silicon are the only valid combination.

Combination of Unsigned Intel TXE Firmware and Production Silicon is not supported and will result in unexpected behavior.

Field Programmable Fuses – Manufacturing Flow

- Field Programmable Fuses are write-once, non-volatile memory.
- Once FPFs are committed, the changes are permanent and irreversible.
- FPF values should be committed at EOM using the command: FPT – WRITEGLOBAL before closing manufacturing.
- FPT – CLOSEMNF command will fail if FPT – WRITEGLOBAL was not committed.

Intel® TXE FW Kit 1.1.4.1145 - Contents

Software:

- Intel® TXEI driver - version 1.1.0.1064
- MUP.xml - version 2.4.3
- SetupTXE.exe
- TXEI.cat
- TXEI.inf

Documents:

- BayTrail Intel® TXE FW Bring Up guide – rev1.8
- System Tools User Guide – rev 1.4
- FpFConfigurationFile
- Intel(R) TXE FW 1.1.4.1145 PV Release Notes

System Tools:

- Flash Image Tool - version 1.1.4.1145
- Flash Programming Tool - version 1.1.4.1145
- TXEInfo - version 1.1.4.1145
- TXEManuf - version 1.1.4.1145
- FWUpdate – version 1.1.4.1145

