

2023-12-04

## Firmware License Statement for N-30P Lenovo

Swissbit confirms that the firmware used for NAND flash controller on the N-30P series does not make use of any open source code / licenses. It should be specially mentioned that the firmware does not use any code from a tool called "edk2".

This statement applies to the following products:

Series	Model number	Firmware
N-30P	SFPC480GM1AR2MT-I-7C-61Q-GEN	ARR40013, ARR40014, ARR40015, ARR5000X
N-30P	SFPC960GM1AR4MT-I-8C-61Q-GEN	ARR40013, ARR40014, ARR40015, ARR5000X
N-30P	SFPC1T92M1AR4MT-I-8C-61Q-GEN	ARR40013, ARR40014, ARR40015, ARR5000X
N-30P	SFPC3T84M1AR4MT-I-YC-61Q-GEN	ARR40013, ARR40014, ARR40015, ARR5000X

### Background:

Lenovo conducted a "Black Duck Binary Analysis" scan on the firmware binary "ARR40013\_1920GB\_ISP.bin" file. The black duck tool claimed to have found code from "edk2" tool in the firmware binary. Swissbit also conducted black duck scans on the source code itself that have not identified any license / vulnerability risks. Therefore, Swissbit considers the license claims of the "Black Duck Binary Analysis" conducted by Lenovo as false positives.

Reference to black duck report:

- File name: "swisse fw scan report"
- Date: 8/9/23, 2.15 PM
- Link: "<https://protecode.labs.lenovo.com/#/product/28209/analysis>"

Best Regards

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