



Dell Inc. FIPS 140-2 Security Policy

Dell FIPS Module

Version: 3.0.8

Date: September 27th, 2025

2. Security Level

The following table lists the level of validation for each area in FIPS 140-2:

FIPS 140-2 Security Requirement Areas	Security Level
Cryptographic Module Specification	1
Cryptographic Module Ports and Interfaces	1
Roles, Services, and Authentication	1
Finite State Model	1
Physical Security	N/A
Operational Environment	1
Cryptographic Key Management	1
EMI/EMC	1
Self-Tests	1
Design Assurance	3
Mitigation of Other Attacks	1
Overall Level	1

Table 1 - Security Levels for each FIPS 140-2 Area

The Module meets the overall security level requirements of Level 1. The Module's software versions for this validation are 3.0.8. Please note that this corresponds to version 3.0.8 of the OpenSSL FIPS Provider of which this Module is a rebrand.

3. Tested Configurations

The Module has been tested on the platforms listed below in Table 2.

#	Operating System/Hypervisor	Hardware Platform	Processor	Optimizations (Target)	Module Version
1	Ubuntu Linux 22.04.1 LTS	Dell Inspiron 7591	Intel i7 (x64)	None	3.0.8
2	Ubuntu Linux 22.04.1 LTS	Dell Inspiron 7591	Intel i7 (x64)	PAA (AES-NI)	3.0.8
3	Debian 11.5	Dell Inspiron 7591	Intel i7 (x64)	None	3.0.8
4	Debian 11.5	Dell Inspiron 7591	Intel i7 (x64)	PAA (AES-NI)	3.0.8
5	FreeBSD 13.1	Dell Inspiron 7591	Intel i7 (x64)	None	3.0.8
6	FreeBSD 13.1	Dell Inspiron 7591	Intel i7(x64)	PAA (AES-NI)	3.0.8
7	Windows 10	Dell Inspiron 7591	Intel i7(x64)	None	3.0.8
8	Windows 10	Dell Inspiron 7591	Intel i7(x64)	PAA (AES-NI)	3.0.8
9	macOS 11.5.2	Apple i7 Mac Mini	Intel i7 (x64)	None	3.0.8
10	macOS 11.5.2	Apple i7 Mac Mini	Intel i7 (x64)	PAA (AES-NI)	3.0.8
11	SmartFabric OS 10.6.0 (Debian 12)	S5248F-ON	Intel Atom C3538 (Denverton)	None	3.0.8
12	SmartFabric OS 10.6.0 (Debian 12)	S5248F-ON	Intel Atom C3538 (Denverton)	PAA (AES-NI)	3.0.8
13	SmartFabric OS 10.6.0 (Debian 12)	S4148F-ON	Intel Atom C2338 (Rangeley)	None	3.0.8
14	SmartFabric OS 10.6.0 (Debian 12)	S4148F-ON	Intel Atom C2338 (Rangeley)	PAA (AES-NI)	3.0.8

15	SmartFabric OS 10.6.0 (Debian 12)	N3248TE-ON	Intel Atom C3338 (Denverton)	None	3.0.8
16	SmartFabric OS 10.6.0 (Debian 12)	N3248TE-ON	Intel Atom C3338 (Denverton)	PAA (AES-NI)	3.0.8
17	SmartFabric OS 10.6.0 (Debian 12)	Z9432F-ON	Intel Atom C3758 (Denverton)	None	3.0.8
18	SmartFabric OS 10.6.0 (Debian 12)	Z9432F-ON	Intel Atom C3758 (Denverton)	PAA (AES-NI)	3.0.8
19	SmartFabric OS 10.6.0 (Debian 12)	Z9664F-ON	Intel Xeon-D LCD-1714C (Icelake)	None	3.0.8
20	SmartFabric OS 10.6.0 (Debian 12)	Z9664F-ON	Intel Xeon-D LCD-1714C (Icelake))	PAA (AES-NI)	3.0.8
21	SmartFabric OS 10.6.0 (Debian 12)	S5448F-ON	Intel Atom C3758 (Denverton)	None	3.0.8
22	SmartFabric OS 10.6.0 (Debian 12)	S5448F-ON	Intel Atom C3758 (Denverton)	PAA (AES-NI)	3.0.8
23	SmartFabric OS 10.6.0 (Debian 12)	S3248T-ON	Intel Atom C3558 (Denverton)	None	3.0.8
24	SmartFabric OS 10.6.0 (Debian 12)	S3248T-ON	Intel Atom C3558 (Denverton)	PAA (AES-NI)	3.0.8

Table 2 - Tested Configurations

See Appendix A for additional information on installation. See Appendix B for a list of the specific compilers used to generate the Module for the respective operational environments.