



Infineon TPM Vulnerability

List of affected FUJITSU Products

On [their web page](#) (October 10, 2017), Infineon published security information about a research team developed advanced mathematical methods to analyse and exploit weaknesses in acceleration algorithms for prime number finding, which are common practice today for RSA key generation.

Last revised: October 20, 2017

Notes

- This list provides an overview of affected Fujitsu products and remediation tools that apply for each of them.
- This list is updated regularly.
- In the below table, you can see when the remediation tools for each affected product will be available:

Tool number	Availability
Tool 1	ww 43 (WIN7, WIN10 only); WIN8 ww 45
Tool 2	ww 43
Tool 3	ww 43
Tool 4	10.10.2017 (WIN7, WIN10 only); WIN8 ww 45
Tool 5	t.b.d.
Tool 6	ww 44
Tool 7	ww 44

OEM Mainboards

Affected mainboards	Used TPM Version	Fixed with tool
D3236-R1	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3243-S1	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S1 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S2 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S3 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S4 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S5 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S6 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S7 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S8 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3313-S9 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3348-B1	Infineon SLB9660 TT1.2 FW4.40	Tool 1
D3348-B2	Infineon SLB9665 TT2.0 FW5.51	Tool 2

D3402-B1	Infineon SLB9665 TT2.0 FW5.51	Tool 2
D3402-B1 (<G53)	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
D3402-B2	Infineon SLB9665 TT2.0 FW5.60	Tool 2
D3417-B1 (B11; < G53)	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
D3417-B1	Infineon SLB9665 TT2.0 FW5.51	Tool 2
D3417-B2	Infineon SLB9665 TT2.0 FW5.60	Tool 2
D3433-S1	Infineon SLB9665 TT2.0 FW5.51	Tool 2
D3433-S2	Infineon SLB9665 TT2.0 FW5.61	Tool 2
D3441-S1	Infineon SLB9665 TT2.0 FW5.51	Tool 2
D3441-S2	Infineon SLB9665 TT2.0 FW5.61	Tool 2
D3446-S1	Infineon SLB9665 TT2.0 FW5.51	Tool 2
D3446-S2	Infineon SLB9665 TT2.0 FW5.61	Tool 2
D3474-Bx	Infineon SLB9660 TT1.2 FW4.40	Tool 1

Desktop PC (ESPRIMO)

Affected model	Used TPM Version	Fixed with tool
ESPRIMO P956	Infineon SLB9665 TT2.0 FW5.51 Infineon SLB9665 TT2.0 FW5.50	Tool 2 t.b.d.
ESPRIMO Q956	Infineon SLB9665 TT2.0 FW5.51 Infineon SLB9665 TT2.0 FW5.50	Tool 2 t.b.d.
ESPRIMO D556 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
ESPRIMO D556/2 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
ESPRIMO D756 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
ESPRIMO D956	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.50 Infineon SLB9665 TT2.0 FW5.51	Tool 1 t.b.d. Tool 2
ESPRIMO X956	Infineon SLB9665 TT2.0 FW5.51	Tool 2
ESPRIMO P557 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
ESPRIMO P757 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
ESPRIMO P957	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.60	Tool 1 Tool 2
ESPRIMO Q957, MRE	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.60	Tool 1 Tool 2
ESPRIMO D757 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1
ESPRIMO D957	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 1 Tool 2

Thin Client (FUTRO)

Affected model	Used TPM Version	Fixed with tool
FUTRO S720/S920 (only with optional TPM 1.2 module)	Infineon SLB9660 TT1.2 FW4.40	Tool 1

Workstation (CELSIUS)

Affected model	Used TPM Version	Fixed with tool
CELSIUS C740	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.51	Tool 1 t.b.d.
CELSIUS M740/M740 Power	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.51	Tool 1 t.b.d.
CELSIUS R940/R940 Power	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.51	Tool 1 t.b.d.
CELSIUS J550	Infineon SLB9660 TT1.2 FW4.40	Tool 1
CELSIUS J550/2	Infineon SLB9665 TT2.0 FW5.60	Tool 2
CELSIUS W570, POWER, POWER+	Infineon SLB9665 TT2.0 FW5.60	Tool 2
CELSIUS W550, W550 POWER	Infineon SLB9665 TT2.0 FW5.50 Infineon SLB9665 TT2.0 FW5.51	t.b.d. Tool 2

Mobile (LIFEBOOK/STYLISTIC/CELSIUS)

Affected model	Used TPM Version	Fixed with tool
LIFEBOOK A555	Infineon SLB9660 TT1.2 FW4.40	Tool 4
LIFEBOOK E544	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK E546	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
LIFEBOOK E547 (non vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK E547 (vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK E554	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK E556	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
LIFEBOOK E557 (non vPro)	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
LIFEBOOK E557 (vPro)	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
LIFEBOOK E734	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK E736	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
LIFEBOOK E744	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK E746	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
LIFEBOOK E754	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK E756	Infineon SLB9665 TT2.0 FW5.50	t.b.d.
LIFEBOOK S904	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK S935	Infineon SLB9660 TT1.2 FW4.40	Tool 4
LIFEBOOK S936	Infineon SLB9665 TT2.0 FW5.51	Tool 5
LIFEBOOK S937	Infineon SLB9665 TT2.0 FW5.51	Tool 5
LIFEBOOK T725	Infineon SLB9660 TT1.2 FW4.40	Tool 4
LIFEBOOK T726	Infineon SLB9665 TT2.0 FW5.51	Tool 5
LIFEBOOK T734	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK T904	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK T935	Infineon SLB9660 TT1.2 FW4.40	Tool 4
LIFEBOOK T936	Infineon SLB9665 TT2.0 FW5.51	Tool 5
LIFEBOOK T937	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK U727 (non vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK U727 (vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5

LIFEBOOK U745	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK U747 (non vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK U747 (vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK U757 (non vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK U757 (vPro)	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK U904	Infineon SLB9655 TT1.2 FW4.32	Tool 3
LIFEBOOK U937	Infineon SLB9665 TT2.0 FW5.61	Tool 5
LIFEBOOK P727	Infineon SLB9665 TT2.0 FW5.61	Tool 5
STYLISTIC Q616	Infineon SLB9665 TT2.0 FW5.51	Tool 5
STYLISTIC Q665	Infineon SLB9660 TT1.2 FW4.40	Tool 4
STYLISTIC Q704	Infineon SLB9655 TT1.2 FW4.32	Tool 3
STYLISTIC Q736	Infineon SLB9665 TT2.0 FW5.51	Tool 5
STYLISTIC Q775	Infineon SLB9660 TT1.2 FW4.40	Tool 4
STYLISTIC R726	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.51	Tool 4 Tool 5
STYLISTIC R727	Infineon SLB9665 TT2.0 FW5.61	Tool 5
CELSIUS H970	Infineon SLB9665 TT2.0 FW5.61	Tool 5
CELSIUS H760	Infineon SLB9665 TT2.0 FW5.51	Tool 5
CELSIUS H770	Infineon SLB9665 TT2.0 FW5.51	Tool 5
CELSIUS H730	Infineon SLB9655 TT1.2 FW4.32	Tool 3

PRIMERGY (BX/RX/TX/PQ)

Affected model	Used TPM Version	Fixed with tool
BX2560M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
BX2580M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
BX2560M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
BX2580M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
RX1330M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
RX1330M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
RX1330M3	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
RX2510M2	Infineon SLB9665 TT2.0 FW5.61	Tool 7
RX2530M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
RX2530M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
RX2520M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
RX2540M1	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
RX2540M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
RX2560M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
RX2560M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7

TX1310M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
TX1310M3	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
TX1320M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
TX1320M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
TX1320M3	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
TX1330M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
TX1330M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
TX1330M3	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
TX2540M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
TX2560M1	Infineon SLB9660 TT1.2 FW4.40	Tool 6
TX2560M2	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7
PQ2800B3	Infineon SLB9660 TT1.2 FW4.40 Infineon SLB9665 TT2.0 FW5.61	Tool 6 Tool 7