



CVE-2020-8322

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2020-8322
State	PUBLIC
Assigner	psirt@lenovo.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-09 20:15:00 UTC
Updated	2020-06-17 16:08:00 UTC
Description	A potential vulnerability in the SMI callback function used in the Legacy USB driver in some Lenovo Notebook and ThinkSta

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Lenovo	14iwl	-	All	All	All
Hardware	Lenovo	14iwl	-	All	All	All
Operating System	Lenovo	14iwl Firmware	-	All	All	All
Operating System	Lenovo	14iwl Firmware	-	All	All	All
Hardware	Lenovo	330-14ast	-	All	All	All
Hardware	Lenovo	330-14ast	-	All	All	All
Operating System	Lenovo	330-14ast Firmware	-	All	All	All
Operating System	Lenovo	330-14ast Firmware	-	All	All	All
Hardware	Lenovo	330-15ast	-	All	All	All
Hardware	Lenovo	330-15ast	-	All	All	All
Operating System	Lenovo	330-15ast Firmware	-	All	All	All
Operating System	Lenovo	330-15ast Firmware	-	All	All	All
Hardware	Lenovo	330-17ast	-	All	All	All
Hardware	Lenovo	330-17ast	-	All	All	All
Operating System	Lenovo	330-17ast Firmware	-	All	All	All
Operating System	Lenovo	330-17ast Firmware	-	All	All	All
Hardware	Lenovo	340c-15api	-	All	All	All

Hardware	Lenovo	340c-15api	-	All	All	All
Operating System	Lenovo	340c-15api Firmware	-	All	All	All
Operating System	Lenovo	340c-15api Firmware	-	All	All	All
Hardware	Lenovo	340c-15ast	-	All	All	All
Hardware	Lenovo	340c-15ast	-	All	All	All
Operating System	Lenovo	340c-15ast Firmware	-	All	All	All
Operating System	Lenovo	340c-15ast Firmware	-	All	All	All
Hardware	Lenovo	6 Pro-13-iwl	-	All	All	All
Hardware	Lenovo	6 Pro-13-iwl	-	All	All	All
Operating System	Lenovo	6 Pro-13-iwl Firmware	-	All	All	All
Operating System	Lenovo	6 Pro-13-iwl Firmware	-	All	All	All
Hardware	Lenovo	6 Pro-14-iwl	-	All	All	All
Hardware	Lenovo	6 Pro-14-iwl	-	All	All	All
Operating System	Lenovo	6 Pro-14-iwl Firmware	-	All	All	All
Operating System	Lenovo	6 Pro-14-iwl Firmware	-	All	All	All
Hardware	Lenovo	720s-15ikb	-	All	All	All
Hardware	Lenovo	720s-15ikb	-	All	All	All
Operating System	Lenovo	720s-15ikb Firmware	-	All	All	All
Operating System	Lenovo	720s-15ikb Firmware	-	All	All	All
Hardware	Lenovo	720s Touch-15ikb	-	All	All	All
Hardware	Lenovo	720s Touch-15ikb	-	All	All	All
Operating System	Lenovo	720s Touch-15ikb Firmware	-	All	All	All
Operating System	Lenovo	720s Touch-15ikb Firmware	-	All	All	All
Hardware	Lenovo	730s-13iwl	-	All	All	All
Hardware	Lenovo	730s-13iwl	-	All	All	All
Operating System	Lenovo	730s-13iwl Firmware	-	All	All	All
Operating System	Lenovo	730s-13iwl Firmware	-	All	All	All
Hardware	Lenovo	C640-impl	-	All	All	All
Hardware	Lenovo	C640-impl	-	All	All	All
Operating System	Lenovo	C640-impl Firmware	-	All	All	All
Operating System	Lenovo	C640-impl Firmware	-	All	All	All
Hardware	Lenovo	E42-80	-	All	All	All
Hardware	Lenovo	E42-80	-	All	All	All
Operating System	Lenovo	E42-80 Firmware	-	All	All	All
Operating System	Lenovo	E42-80 Firmware	-	All	All	All

Hardware	Lenovo	E52-80	-	All	All	All
Hardware	Lenovo	E52-80	-	All	All	All
Operating System	Lenovo	E52-80 Firmware	-	All	All	All
Operating System	Lenovo	E52-80 Firmware	-	All	All	All
Hardware	Lenovo	E53-80	-	All	All	All
Hardware	Lenovo	E53-80	-	All	All	All
Operating System	Lenovo	E53-80 Firmware	-	All	All	All
Operating System	Lenovo	E53-80 Firmware	-	All	All	All
Hardware	Lenovo	K22-80	-	All	All	All
Hardware	Lenovo	K22-80	-	All	All	All
Operating System	Lenovo	K22-80 Firmware	-	All	All	All
Operating System	Lenovo	K22-80 Firmware	-	All	All	All
Hardware	Lenovo	K3	-	All	All	All
Hardware	Lenovo	K3	-	All	All	All
Hardware	Lenovo	K32-80 Kbl	-	All	All	All
Hardware	Lenovo	K32-80 Kbl	-	All	All	All
Operating System	Lenovo	K32-80 Kbl Firmware	-	All	All	All
Operating System	Lenovo	K32-80 Kbl Firmware	-	All	All	All
Hardware	Lenovo	K32-80 Skl	-	All	All	All
Hardware	Lenovo	K32-80 Skl	-	All	All	All
Operating System	Lenovo	K32-80 Skl Firmware	-	All	All	All
Operating System	Lenovo	K32-80 Skl Firmware	-	All	All	All
Operating System	Lenovo	K3 Firmware	-	All	All	All
Operating System	Lenovo	K3 Firmware	-	All	All	All
Hardware	Lenovo	K4-iwl	-	All	All	All
Hardware	Lenovo	K4-iwl	-	All	All	All
Operating System	Lenovo	K4-iwl Firmware	-	All	All	All
Operating System	Lenovo	K4-iwl Firmware	-	All	All	All
Hardware	Lenovo	Miix 720-12ikb	-	All	All	All
Hardware	Lenovo	Miix 720-12ikb	-	All	All	All
Operating System	Lenovo	Miix 720-12ikb Firmware	-	All	All	All
Operating System	Lenovo	Miix 720-12ikb Firmware	-	All	All	All
Hardware	Lenovo	S145-14api	-	All	All	All
Hardware	Lenovo	S145-14api	-	All	All	All
Operating System	Lenovo	S145-14api Firmware	-	All	All	All

Operating System	Lenovo	S145-14api Firmware	-	All	All	All
Hardware	Lenovo	S145-14ast	-	All	All	All
Hardware	Lenovo	S145-14ast	-	All	All	All
Operating System	Lenovo	S145-14ast Firmware	-	All	All	All
Operating System	Lenovo	S145-14ast Firmware	-	All	All	All
Hardware	Lenovo	S145-15api	-	All	All	All
Hardware	Lenovo	S145-15api	-	All	All	All
Operating System	Lenovo	S145-15api Firmware	-	All	All	All
Operating System	Lenovo	S145-15api Firmware	-	All	All	All
Hardware	Lenovo	S145-15ast	-	All	All	All
Hardware	Lenovo	S145-15ast	-	All	All	All
Operating System	Lenovo	S145-15ast Firmware	-	All	All	All
Operating System	Lenovo	S145-15ast Firmware	-	All	All	All
Hardware	Lenovo	S540-13api	-	All	All	All
Hardware	Lenovo	S540-13api	-	All	All	All
Operating System	Lenovo	S540-13api Firmware	-	All	All	All
Operating System	Lenovo	S540-13api Firmware	-	All	All	All
Hardware	Lenovo	S750-iil	-	All	All	All
Hardware	Lenovo	S750-iil	-	All	All	All
Operating System	Lenovo	S750-iil Firmware	-	All	All	All
Operating System	Lenovo	S750-iil Firmware	-	All	All	All
Hardware	Lenovo	S940-14iwl	-	All	All	All
Hardware	Lenovo	S940-14iwl	-	All	All	All
Operating System	Lenovo	S940-14iwl Firmware	-	All	All	All
Operating System	Lenovo	S940-14iwl Firmware	-	All	All	All
Hardware	Lenovo	Thinkbook 13s-iwl	-	All	All	All
Hardware	Lenovo	Thinkbook 13s-iwl	-	All	All	All
Operating System	Lenovo	Thinkbook 13s-iwl Firmware	-	All	All	All
Operating System	Lenovo	Thinkbook 13s-iwl Firmware	-	All	All	All
Hardware	Lenovo	Thinkbook 14s-iwl	-	All	All	All
Hardware	Lenovo	Thinkbook 14s-iwl	-	All	All	All
Operating System	Lenovo	Thinkbook 14s-iwl Firmware	-	All	All	All
Operating System	Lenovo	Thinkbook 14s-iwl Firmware	-	All	All	All
Hardware	Lenovo	V110-14ast	-	All	All	All
Hardware	Lenovo	V110-14ast	-	All	All	All
Operating System	Lenovo	V110-14ast Firmware	-	All	All	All

Operating System	Lenovo	V110-14ast Firmware	-	All	All	All
Hardware	Lenovo	V110-14ikb	-	All	All	All
Hardware	Lenovo	V110-14ikb	-	All	All	All
Operating System	Lenovo	V110-14ikb Firmware	-	All	All	All
Operating System	Lenovo	V110-14ikb Firmware	-	All	All	All
Hardware	Lenovo	V110-15ast	-	All	All	All
Hardware	Lenovo	V110-15ast	-	All	All	All
Operating System	Lenovo	V110-15ast Firmware	-	All	All	All
Operating System	Lenovo	V110-15ast Firmware	-	All	All	All
Hardware	Lenovo	V130-15igm	-	All	All	All
Hardware	Lenovo	V130-15igm	-	All	All	All
Operating System	Lenovo	V130-15igm Firmware	-	All	All	All
Operating System	Lenovo	V130-15igm Firmware	-	All	All	All
Hardware	Lenovo	V130-15ikb	-	All	All	All
Hardware	Lenovo	V130-15ikb	-	All	All	All
Operating System	Lenovo	V130-15ikb Firmware	-	All	All	All
Operating System	Lenovo	V130-15ikb Firmware	-	All	All	All
Hardware	Lenovo	V310-15igm	-	All	All	All
Hardware	Lenovo	V310-15igm	-	All	All	All
Operating System	Lenovo	V310-15igm Firmware	-	All	All	All
Operating System	Lenovo	V310-15igm Firmware	-	All	All	All
Hardware	Lenovo	V330-15igm	-	All	All	All
Hardware	Lenovo	V330-15igm	-	All	All	All
Operating System	Lenovo	V330-15igm Firmware	-	All	All	All
Operating System	Lenovo	V330-15igm Firmware	-	All	All	All
Hardware	Lenovo	V330-15ikb	-	All	All	All
Hardware	Lenovo	V330-15ikb	-	All	All	All
Operating System	Lenovo	V330-15ikb Firmware	-	All	All	All
Operating System	Lenovo	V330-15ikb Firmware	-	All	All	All
Hardware	Lenovo	V330-15isk	-	All	All	All
Hardware	Lenovo	V330-15isk	-	All	All	All
Operating System	Lenovo	V330-15isk Firmware	-	All	All	All
Operating System	Lenovo	V330-15isk Firmware	-	All	All	All
Hardware	Lenovo	V340-iil	-	All	All	All
Hardware	Lenovo	V340-iil	-	All	All	All

Operating System	Lenovo	V340-iil Firmware	-	All	All	All
Operating System	Lenovo	V340-iil Firmware	-	All	All	All
Hardware	Lenovo	V340-impl	-	All	All	All
Hardware	Lenovo	V340-impl	-	All	All	All
Operating System	Lenovo	V340-impl Firmware	-	All	All	All
Operating System	Lenovo	V340-impl Firmware	-	All	All	All
Hardware	Lenovo	V540s-13	-	All	All	All
Hardware	Lenovo	V540s-13	-	All	All	All
Operating System	Lenovo	V540s-13 Firmware	-	All	All	All
Operating System	Lenovo	V540s-13 Firmware	-	All	All	All
Hardware	Lenovo	V720-12	-	All	All	All
Hardware	Lenovo	V720-12	-	All	All	All
Operating System	Lenovo	V720-12 Firmware	-	All	All	All
Operating System	Lenovo	V720-12 Firmware	-	All	All	All
Hardware	Lenovo	V730-13ikb	-	All	All	All
Hardware	Lenovo	V730-13ikb	-	All	All	All
Operating System	Lenovo	V730-13ikb Firmware	-	All	All	All
Operating System	Lenovo	V730-13ikb Firmware	-	All	All	All
Hardware	Lenovo	V730-13isk	-	All	All	All
Hardware	Lenovo	V730-13isk	-	All	All	All
Operating System	Lenovo	V730-13isk Firmware	-	All	All	All
Operating System	Lenovo	V730-13isk Firmware	-	All	All	All
Hardware	Lenovo	V730-15ikb	-	All	All	All
Hardware	Lenovo	V730-15ikb	-	All	All	All
Operating System	Lenovo	V730-15ikb Firmware	-	All	All	All
Operating System	Lenovo	V730-15ikb Firmware	-	All	All	All
Hardware	Lenovo	Wei5-15ikb	-	All	All	All
Hardware	Lenovo	Wei5-15ikb	-	All	All	All
Operating System	Lenovo	Wei5-15ikb Firmware	-	All	All	All
Operating System	Lenovo	Wei5-15ikb Firmware	-	All	All	All
Hardware	Lenovo	Xiaoxin 14-ast Qc 2019	-	All	All	All
Hardware	Lenovo	Xiaoxin 14-ast Qc 2019	-	All	All	All
Operating System	Lenovo	Xiaoxin 14-ast Qc 2019 Firmware	-	All	All	All
Operating System	Lenovo	Xiaoxin 14-ast Qc 2019 Firmware	-	All	All	All
Hardware	Lenovo	Xx-14api Qc 2019	-	All	All	All
Hardware	Lenovo	Xx-14api Qc 2019	-	All	All	All

Hardware	Lenovo	xx-14api Qc 2019	-	All	All	All
Operating System	Lenovo	Xx-14api Qc 2019 Firmware	-	All	All	All
Operating System	Lenovo	Xx-14api Qc 2019 Firmware	-	All	All	All
Hardware	Lenovo	Yoga S730-13iwl	-	All	All	All
Hardware	Lenovo	Yoga S730-13iwl	-	All	All	All
Operating System	Lenovo	Yoga S730-13iwl Firmware	-	All	All	All
Operating System	Lenovo	Yoga S730-13iwl Firmware	-	All	All	All
Hardware	Lenovo	Yoga S940-14iwl	-	All	All	All
Hardware	Lenovo	Yoga S940-14iwl	-	All	All	All
Operating System	Lenovo	Yoga S940-14iwl Firmware	-	All	All	All
Operating System	Lenovo	Yoga S940-14iwl Firmware	-	All	All	All

References

Reference	Source	Link	Tags
Multi-vendor BIOS Security Vulnerabilities (June 2020) - US	MISC	support.lenovo.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: Lenovo thanks yngwei (@yngweijw), driedfish (@d3af1sh), and MengHao, Li of IIE VARAS

There are currently no legacy QID mappings associated with this CVE.

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