



# CVE-2022-1892

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

## Summary

<b>CVE</b>	CVE-2022-1892
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@lenovo.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-01-26 21:15:00 UTC
<b>Updated</b>	2023-02-03 18:17:00 UTC
<b>Description</b>	A buffer overflow in the SystemBootManagerDxe driver in some Lenovo Notebook products may allow an attacker with local

## Risk And Classification

### Problem Types: CWE-120

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Lenovo</a>	100e 2nd Gen	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">100e 2nd Gen Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	100w Gen 3	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">100w Gen 3 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	13w Yoga	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">13w Yoga Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	14w Gen 2	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">14w Gen 2 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	300e 2nd Gen	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">300e 2nd Gen Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	300w Gen 3	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">300w Gen 3 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	500w Gen 3	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">500w Gen 3 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	730s-13iml	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">730s-13iml Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	Flex 3-11ada05	-	All	All	All

Operating System	Lenovo	Flex 3-11ada05 Firmware	All	All	All	All
Hardware	Lenovo	Flex 5-14alc05	-	All	All	All
Operating System	Lenovo	Flex 5-14alc05 Firmware	All	All	All	All
Hardware	Lenovo	Flex 5-14are05	-	All	All	All
Operating System	Lenovo	Flex 5-14are05 Firmware	All	All	All	All
Hardware	Lenovo	Flex 5-14iil05	-	All	All	All
Operating System	Lenovo	Flex 5-14iil05 Firmware	All	All	All	All
Hardware	Lenovo	Flex 5-14itl05	-	All	All	All
Operating System	Lenovo	Flex 5-14itl05 Firmware	All	All	All	All
Hardware	Lenovo	Flex 5-15alc05	-	All	All	All
Operating System	Lenovo	Flex 5-15alc05 Firmware	All	All	All	All
Hardware	Lenovo	Flex 5-15iil05	-	All	All	All
Operating System	Lenovo	Flex 5-15iil05 Firmware	All	All	All	All
Hardware	Lenovo	Flex 5-15itl05	-	All	All	All
Operating System	Lenovo	Flex 5-15itl05 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 1-11ada05	-	All	All	All
Operating System	Lenovo	Ideapad 1-11ada05 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 1-11igl05	-	All	All	All
Operating System	Lenovo	Ideapad 1-11igl05 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 1-14ada05	-	All	All	All
Operating System	Lenovo	Ideapad 1-14ada05 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 1-14igl05	-	All	All	All
Operating System	Lenovo	Ideapad 1-14igl05 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 3-14ada05	-	All	All	All
Operating System	Lenovo	Ideapad 3-14ada05 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 3-14ada6	-	All	All	All
Operating System	Lenovo	Ideapad 3-14ada6 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 3-14alc6	-	All	All	All
Operating System	Lenovo	Ideapad 3-14alc6 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 3-15ada05	-	All	All	All
Operating System	Lenovo	Ideapad 3-15ada05 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 3-15ada6	-	All	All	All
Operating System	Lenovo	Ideapad 3-15ada6 Firmware	All	All	All	All
Hardware	Lenovo	Ideapad 3-15alc6	-	All	All	All
Operating System	Lenovo	Ideapad 3-15alc6 Firmware	All	All	All	All

Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad 3-17ada05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad 3-17ada05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad 3-17ada6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad 3-17ada6 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad 3-17alc6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad 3-17alc6 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad 5-15alc05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad 5-15alc05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad 5 15aba7</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad 5 15aba7 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad Flex 5 14alc7</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad Flex 5 14alc7 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad Flex 5 16alc7</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad Flex 5 16alc7 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad S940-14iil</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad S940-14iil Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad Slim 1-11ast-05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad Slim 1-11ast-05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideapad Slim 1-14ast-05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideapad Slim 1-14ast-05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Legion S7-15ach6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Legion S7-15ach6 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Legion S7-15arh5</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Legion S7-15arh5 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Legion S7-15imh5</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Legion S7-15imh5 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">S145-14api</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">S145-14api Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">S145-14ast</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">S145-14ast Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">S145-15api</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">S145-15api Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">S145-15ast</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">S145-15ast Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">S540-13api</a>	-	All	All	All

Operating System	Lenovo	S540-13api Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 13s-impl	-	All	All	All
Operating System	Lenovo	Thinkbook 13s-impl Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 13s G2 Are	-	All	All	All
Operating System	Lenovo	Thinkbook 13s G2 Are Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 13s G2 Itl	-	All	All	All
Operating System	Lenovo	Thinkbook 13s G2 Itl Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 13s G3 Acn	-	All	All	All
Operating System	Lenovo	Thinkbook 13s G3 Acn Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 14-iil	-	All	All	All
Operating System	Lenovo	Thinkbook 14-iil Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 14-impl	-	All	All	All
Operating System	Lenovo	Thinkbook 14-impl Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 14p G2 Ach	-	All	All	All
Operating System	Lenovo	Thinkbook 14p G2 Ach Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 14s-impl	-	All	All	All
Operating System	Lenovo	Thinkbook 14s-impl Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 14s G2 Itl	-	All	All	All
Operating System	Lenovo	Thinkbook 14s G2 Itl Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 15-iil	-	All	All	All
Operating System	Lenovo	Thinkbook 15-iil Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 15-impl	-	All	All	All
Operating System	Lenovo	Thinkbook 15-impl Firmware	All	All	All	All
Hardware	Lenovo	Thinkbook 16p G2 Ach	-	All	All	All
Operating System	Lenovo	Thinkbook 16p G2 Ach Firmware	All	All	All	All
Hardware	Lenovo	V130-15ikb	-	All	All	All
Operating System	Lenovo	V130-15ikb Firmware	All	All	All	All
Hardware	Lenovo	V14-ada	-	All	All	All
Operating System	Lenovo	V14-ada Firmware	All	All	All	All
Hardware	Lenovo	V14 G2-alc	-	All	All	All
Operating System	Lenovo	V14 G2-alc Firmware	All	All	All	All
Hardware	Lenovo	V15-ada	-	All	All	All
Operating System	Lenovo	V15-ada Firmware	All	All	All	All
Hardware	Lenovo	V15 G2-alc	-	All	All	All
Operating System	Lenovo	V15 G2-alc Firmware	All	All	All	All
Hardware	Lenovo	Yoga 9-15imh5	-	All	All	All

Operating System	Lenovo	Yoga 9-15imh5 Firmware	All	All	All	All
Hardware	Lenovo	Yoga C640-13iml	-	All	All	All
Operating System	Lenovo	Yoga C640-13iml Firmware	All	All	All	All
Hardware	Lenovo	Yoga C640-13iml Lte	-	All	All	All
Operating System	Lenovo	Yoga C640-13iml Lte Firmware	All	All	All	All
Hardware	Lenovo	Yoga C940-15irh	-	All	All	All
Operating System	Lenovo	Yoga C940-15irh Firmware	All	All	All	All
Hardware	Lenovo	Yoga S730-13iml	-	All	All	All
Operating System	Lenovo	Yoga S730-13iml Firmware	All	All	All	All
Hardware	Lenovo	Yoga S940-14iil	-	All	All	All
Operating System	Lenovo	Yoga S940-14iil Firmware	All	All	All	All
Hardware	Lenovo	Yoga Slim 7 Pro-14ach5	-	All	All	All
Operating System	Lenovo	Yoga Slim 7 Pro-14ach5 Firmware	All	All	All	All
Hardware	Lenovo	Yoga Slim 7 Pro-14ach5 O	-	All	All	All
Operating System	Lenovo	Yoga Slim 7 Pro-14ach5 O Firmware	All	All	All	All
Hardware	Lenovo	Yoga Slim 7 Pro-14arh5	-	All	All	All
Operating System	Lenovo	Yoga Slim 7 Pro-14arh5 Firmware	All	All	All	All

## References

Reference	Source	Link	Tags
Lenovo Notebook BIOS Vulnerabilities - Lenovo Support US	MISC	<a href="https://support.lenovo.com">support.lenovo.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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