



CVE-2022-48181

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

Summary

CVE	CVE-2022-48181
State	PUBLIC
Assigner	psirt@lenovo.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-06-05 22:15:00 UTC
Updated	2023-06-13 19:34:00 UTC
Description	An ErrorMessage driver stack-based buffer overflow vulnerability in BIOS of some ThinkPad models could allow an attacker

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Lenovo	Ideacentre 3-07ada05	-	All	All	All
Operating System	Lenovo	Ideacentre 3-07ada05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 3-07imb05	-	All	All	All
Operating System	Lenovo	Ideacentre 3-07imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 3 07ach7	-	All	All	All
Operating System	Lenovo	Ideacentre 3 07ach7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 3 07iab7	-	All	All	All
Operating System	Lenovo	Ideacentre 3 07iab7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 5-14acn6	-	All	All	All
Operating System	Lenovo	Ideacentre 5-14acn6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 5-14are05	-	All	All	All
Operating System	Lenovo	Ideacentre 5-14are05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 5-14imb05	-	All	All	All
Operating System	Lenovo	Ideacentre 5-14imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 5-14iob6	-	All	All	All
Operating System	Lenovo	Ideacentre 5-14iob6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 510s-07icb	-	All	All	All

Operating System	Lenovo	Ideacentre 510s-07icb Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 510s-07ick	-	All	All	All
Operating System	Lenovo	Ideacentre 510s-07ick Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 5 14iab7	-	All	All	All
Operating System	Lenovo	Ideacentre 5 14iab7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 720-18apr	-	All	All	All
Operating System	Lenovo	Ideacentre 720-18apr Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-22imb05	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-22imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-22itl6	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-22itl6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-24alc6	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-24alc6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-24imb05	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-24imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-24itl6	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-24itl6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-27alc6	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-27alc6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-27imb05	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-27imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3-27itl6	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3-27itl6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3 21itl7	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3 21itl7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3 22iap7	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3 22iap7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3 24iap7	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3 24iap7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 3 27iap7	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 3 27iap7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 5 24iah7	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 5 24iah7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Aio 5 27iah7	-	All	All	All
Operating System	Lenovo	Ideacentre Aio 5 27iah7 Firmware	All	All	All	All

Hardware	Lenovo	Ideacentre C5-14imb05	-	All	All	All
Operating System	Lenovo	Ideacentre C5-14imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Creator 5-14iob6	-	All	All	All
Operating System	Lenovo	Ideacentre Creator 5-14iob6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre G5-14amr05	-	All	All	All
Operating System	Lenovo	Ideacentre G5-14amr05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre G5-14imb05	-	All	All	All
Operating System	Lenovo	Ideacentre G5-14imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Gaming 5-14acn6	-	All	All	All
Operating System	Lenovo	Ideacentre Gaming 5-14acn6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Gaming 5-14iob6	-	All	All	All
Operating System	Lenovo	Ideacentre Gaming 5-14iob6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Gaming 5 17acn7	-	All	All	All
Operating System	Lenovo	Ideacentre Gaming 5 17acn7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Gaming 5 17iab7	-	All	All	All
Operating System	Lenovo	Ideacentre Gaming 5 17iab7 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Mini 5-01imh05	-	All	All	All
Operating System	Lenovo	Ideacentre Mini 5-01imh05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Mini 5 01iaq7	-	All	All	All
Operating System	Lenovo	Ideacentre Mini 5 01iaq7 Firmware	All	All	All	All
Hardware	Lenovo	Legion C530-19icb	-	All	All	All
Operating System	Lenovo	Legion C530-19icb Firmware	All	All	All	All
Hardware	Lenovo	Legion R5-28imb05	-	All	All	All
Operating System	Lenovo	Legion R5-28imb05 Firmware	All	All	All	All
Hardware	Lenovo	Legion T5-26amr5	-	All	All	All
Operating System	Lenovo	Legion T5-26amr5 Firmware	All	All	All	All
Hardware	Lenovo	Legion T5-26iob6	-	All	All	All
Operating System	Lenovo	Legion T5-26iob6 Firmware	All	All	All	All
Hardware	Lenovo	Legion T5-28icb05	-	All	All	All
Operating System	Lenovo	Legion T5-28icb05 Firmware	All	All	All	All
Hardware	Lenovo	Legion T5-28imb05	-	All	All	All
Operating System	Lenovo	Legion T5-28imb05 Firmware	All	All	All	All
Hardware	Lenovo	Legion T530-28icb	-	All	All	All
Operating System	Lenovo	Legion T530-28icb Firmware	All	All	All	All
Hardware	Lenovo	Legion T7-34iaz7	-	All	All	All

Operating System	Lenovo	Legion I7-34i4az/ Firmware	All	All	All	All
Hardware	Lenovo	Legion T7-34imz5	-	All	All	All
Operating System	Lenovo	Legion T7-34imz5 Firmware	All	All	All	All
Hardware	Lenovo	Lenovo Legion T5 26iab7	-	All	All	All
Operating System	Lenovo	Lenovo Legion T5 26iab7 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M600	-	All	All	All
Operating System	Lenovo	Thinkcentre M600 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M60e Tiny	-	All	All	All
Operating System	Lenovo	Thinkcentre M60e Tiny Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M625q	-	All	All	All
Operating System	Lenovo	Thinkcentre M625q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70c	-	All	All	All
Operating System	Lenovo	Thinkcentre M70c Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70q	-	All	All	All
Operating System	Lenovo	Thinkcentre M70q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70q Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M70q Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70q Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M70q Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70s	-	All	All	All
Operating System	Lenovo	Thinkcentre M70s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70s Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M70s Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70t	-	All	All	All
Operating System	Lenovo	Thinkcentre M70t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70t Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M70t Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M720e	-	All	All	All
Operating System	Lenovo	Thinkcentre M720e Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M720q	-	All	All	All
Operating System	Lenovo	Thinkcentre M720q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M720s	-	All	All	All
Operating System	Lenovo	Thinkcentre M720s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M720t	-	All	All	All
Operating System	Lenovo	Thinkcentre M720t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M725s	-	All	All	All

Operating System	Lenovo	Thinkcentre M725s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75n	-	All	All	All
Operating System	Lenovo	Thinkcentre M75n Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75s-1	-	All	All	All
Operating System	Lenovo	Thinkcentre M75s-1 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75s Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M75s Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75t Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M75t Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M80q	-	All	All	All
Operating System	Lenovo	Thinkcentre M80q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M80q Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M80q Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M80s	-	All	All	All
Operating System	Lenovo	Thinkcentre M80s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M80s Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M80s Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M80t	-	All	All	All
Operating System	Lenovo	Thinkcentre M80t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M80t Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M80t Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90a	-	All	All	All
Operating System	Lenovo	Thinkcentre M90a Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90a Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M90a Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90a Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M90a Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90a Pro Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M90a Pro Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90q Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M90q Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90q Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M90q Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90q Tiny	-	All	All	All
Operating System	Lenovo	Thinkcentre M90q Tiny Firmware	All	All	All	All

Hardware	Lenovo	Thinkcentre M90s	-	All	All	All
Operating System	Lenovo	Thinkcentre M90s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90s Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M90s Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90t	-	All	All	All
Operating System	Lenovo	Thinkcentre M90t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90t Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M90t Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920q	-	All	All	All
Operating System	Lenovo	Thinkcentre M920q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920s	-	All	All	All
Operating System	Lenovo	Thinkcentre M920s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920t	-	All	All	All
Operating System	Lenovo	Thinkcentre M920t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920x	-	All	All	All
Operating System	Lenovo	Thinkcentre M920x Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920z	-	All	All	All
Operating System	Lenovo	Thinkcentre M920z Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre Neo 30a 22 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre Neo 30a 22 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre Neo 30a 24 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre Neo 30a 24 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre Neo 30a 27 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre Neo 30a 27 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre Neo 50s Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre Neo 50s Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre Neo 50t Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre Neo 50t Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre Neo 70t Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre Neo 70t Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre T540-15ama G	-	All	All	All
Operating System	Lenovo	Thinkcentre T540-15ama G Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P320	-	All	All	All
Operating System	Lenovo	Thinkstation P320 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P330	-	All	All	All
Operating System	Lenovo	Thinkstation P330 Firmware	All	All	All	All

Operating System	Lenovo	Thinkstation P330 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P330 Gen 2	-	All	All	All
Operating System	Lenovo	Thinkstation P330 Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P330 Tiny	-	All	All	All
Operating System	Lenovo	Thinkstation P330 Tiny Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P340	-	All	All	All
Operating System	Lenovo	Thinkstation P340 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P340 Tiny	-	All	All	All
Operating System	Lenovo	Thinkstation P340 Tiny Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P350	-	All	All	All
Operating System	Lenovo	Thinkstation P350 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P350 Tiny	-	All	All	All
Operating System	Lenovo	Thinkstation P350 Tiny Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P360	-	All	All	All
Operating System	Lenovo	Thinkstation P360 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P360 Tiny	-	All	All	All
Operating System	Lenovo	Thinkstation P360 Tiny Firmware	All	All	All	All
Hardware	Lenovo	V30a-22itl	-	All	All	All
Operating System	Lenovo	V30a-22itl Firmware	All	All	All	All
Hardware	Lenovo	V30a-24itl	-	All	All	All
Operating System	Lenovo	V30a-24itl Firmware	All	All	All	All
Hardware	Lenovo	V35s-07ada	-	All	All	All
Operating System	Lenovo	V35s-07ada Firmware	All	All	All	All
Hardware	Lenovo	V50s-07imb	-	All	All	All
Operating System	Lenovo	V50s-07imb Firmware	All	All	All	All
Hardware	Lenovo	V50t-13imb	-	All	All	All
Operating System	Lenovo	V50t-13imb Firmware	All	All	All	All
Hardware	Lenovo	V50t-13iob G2	-	All	All	All
Operating System	Lenovo	V50t-13iob G2 Firmware	All	All	All	All
Hardware	Lenovo	V530s-07icb	-	All	All	All
Operating System	Lenovo	V530s-07icb Firmware	All	All	All	All
Hardware	Lenovo	V530s-07icr	-	All	All	All
Operating System	Lenovo	V530s-07icr Firmware	All	All	All	All
Hardware	Lenovo	V55t Gen 2 13acn	-	All	All	All
Operating System	Lenovo	V55t Gen 2 13acn Firmware	All	All	All	All

References

Reference	Source	Link	Tags
Multi-vendor BIOS Security Vulnerabilities (May 2023) - Lenovo Support US	MISC	support.lenovo.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

© [CVE.report](https://cve.report) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/cve).

CVE.report and Source URL Uptime Status status.cve.report