



CVE-2022-40135

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

Summary

CVE	CVE-2022-40135
State	PUBLIC
Assigner	psirt@lenovo.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-30 22:15:00 UTC
Updated	2023-02-14 14:28:00 UTC
Description	An information leak vulnerability in the Smart USB Protection SMI Handler in some Lenovo models may allow an attacker w

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	La
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 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 510-15ick	-	All	All	All
Operating System	Lenovo	Ideacentre 510-15ick Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 510a-15arr	-	All	All	All

Operating System	Lenovo	Ideacentre 510a-15arr Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 510a-15ick	-	All	All	All
Operating System	Lenovo	Ideacentre 510a-15ick 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 A340-22igm	-	All	All	All
Operating System	Lenovo	Ideacentre A340-22igm Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre A340-24igm	-	All	All	All
Operating System	Lenovo	Ideacentre A340-24igm 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 T540-15ama G	-	All	All	All
Operating System	Lenovo	Ideacentre T540-15ama G Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre T540-15ick	-	All	All	All
Operating System	Lenovo	Ideacentre T540-15ick 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 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 T530-28apr	-	All	All	All
Operating System	Lenovo	Legion T530-28apr 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 T7-34imz5	-	All	All	All
Operating System	Lenovo	Legion T7-34imz5 Firmware	All	All	All	All
Hardware	Lenovo	Qitian A815	-	All	All	All
Operating System	Lenovo	Qitian A815 Firmware	All	All	All	All
Hardware	Lenovo	Qt B415	-	All	All	All
Operating System	Lenovo	Qt B415 Firmware	All	All	All	All
Hardware	Lenovo	Qt M410	-	All	All	All
Operating System	Lenovo	Qt M410 Firmware	All	All	All	All
Hardware	Lenovo	Qt M415	-	All	All	All
Operating System	Lenovo	Qt M415 Firmware	All	All	All	All
Hardware	Lenovo	Stadia Ggp-120	-	All	All	All
Operating System	Lenovo	Stadia Ggp-120 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre E75 T/s	-	All	All	All
Operating System	Lenovo	Thinkcentre E75 T/s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre E96z	-	All	All	All
Operating System	Lenovo	Thinkcentre E96z 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 M610	-	All	All	All
Operating System	Lenovo	Thinkcentre M610 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 M630e	-	All	All	All
Operating System	Lenovo	Thinkcentre M630e Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M6600q	-	All	All	All
Operating System	Lenovo	Thinkcentre M6600q Firmware	All	All	All	All

Operating System	Lenovo	I thinkcentre M6600q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M6600s	-	All	All	All
Operating System	Lenovo	Thinkcentre M6600s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M6600t	-	All	All	All
Operating System	Lenovo	Thinkcentre M6600t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70a	-	All	All	All
Operating System	Lenovo	Thinkcentre M70a Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70a Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M70a Gen 2 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 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkcentre M70s Gen 3 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 M710e	-	All	All	All
Operating System	Lenovo	Thinkcentre M710e Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M710q	-	All	All	All
Operating System	Lenovo	Thinkcentre M710q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M710s	-	All	All	All
Operating System	Lenovo	Thinkcentre M710s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M710t	-	All	All	All
Operating System	Lenovo	Thinkcentre M710t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M715q	-	All	All	All
Operating System	Lenovo	Thinkcentre M715q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M715t	-	All	All	All
Operating System	Lenovo	Thinkcentre M715t 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 M75q-1	-	All	All	All
Operating System	Lenovo	Thinkcentre M75q-1 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75q Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M75q Gen 2 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 M810z	-	All	All	All
Operating System	Lenovo	Thinkcentre M810z Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M818z	-	All	All	All
Operating System	Lenovo	Thinkcentre M818z Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M820z	-	All	All	All
Operating System	Lenovo	Thinkcentre M820z 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 Gen2	-	All	All	All
Operating System	Lenovo	Thinkcentre M90a Gen2 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 Tiny	-	All	All	All
Operating System	Lenovo	Thinkcentre M90q Tiny Firmware	All	All	All	All

Hardware	Lenovo	Thinkcentre M910q	-	All	All	All
Operating System	Lenovo	Thinkcentre M910q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M910s	-	All	All	All
Operating System	Lenovo	Thinkcentre M910s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M910t	-	All	All	All
Operating System	Lenovo	Thinkcentre M910t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M910x	-	All	All	All
Operating System	Lenovo	Thinkcentre M910x 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 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	Thinkedge Se30	-	All	All	All
Operating System	Lenovo	Thinkedge Se30 Firmware	All	All	All	All
Hardware	Lenovo	Thinksmart Core Device	_zoom_rooms	-	All	All
Operating System	Lenovo	Thinksmart Core Device	_zoom_rooms_firmware	-	All	All
Hardware	Lenovo	Thinksmart Core Device For Logitech	-	All	All	All
Operating System	Lenovo	Thinksmart Core Device For Logitech Firmware	-	All	All	All
Hardware	Lenovo	Thinksmart Core Device For Poly	-	All	All	All
Operating System	Lenovo	Thinksmart Core Device For Poly Firmware	-	All	All	All
Hardware	Lenovo	Thinksmart Core Controller Full Room Kit	_microsoft_teams_rooms	-	All	All
Hardware	Lenovo	Thinksmart Core Controller Full Room Kit	_zoom_rooms	-	All	All
Operating System	Lenovo	Thinksmart Core Controller Full Room Kit	_microsoft_teams_rooms_firmware	-	All	All
Operating System	Lenovo	Thinksmart Core Controller Full Room Kit	_zoom_rooms_firmware	-	All	All
Hardware	Lenovo	Thinksmart Core Controller Kit	_microsoft_teams_rooms	-	All	All
Hardware	Lenovo	Thinksmart Core Controller Kit	_zoom_rooms	-	All	All
Operating System	Lenovo	Thinksmart Core Controller Kit	_microsoft_teams_rooms_firmware	-	All	All
Operating System	Lenovo	Thinksmart Core Controller Kit	_zoom_rooms_firmware	-	All	All

Operating System	Lenovo	Thinksmart Core Controller Kit	_zoom_rooms_firmware	-	All	All
Hardware	Lenovo	Thinksmart Hub Teams	-	All	All	All
Operating System	Lenovo	Thinksmart Hub Teams Firmware	All	All	All	All
Hardware	Lenovo	Thinksmart Hub Zoom	-	All	All	All
Operating System	Lenovo	Thinksmart Hub Zoom Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P310	-	All	All	All
Operating System	Lenovo	Thinkstation P310 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P318	-	All	All	All
Operating System	Lenovo	Thinkstation P318 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P320 Tiny	-	All	All	All
Operating System	Lenovo	Thinkstation P320 Tiny 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 P348	-	All	All	All
Operating System	Lenovo	Thinkstation P348 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 P520	-	All	All	All
Hardware	Lenovo	Thinkstation P520c	-	All	All	All
Operating System	Lenovo	Thinkstation P520c Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation P520 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P620	-	All	All	All
Operating System	Lenovo	Thinkstation P620 Firmware	All	All	All	All
Hardware	Lenovo	Thinksystem St50	-	All	All	All
Operating System	Lenovo	Thinksystem St50 Firmware	All	All	All	All
Hardware	Lenovo	Thinksystem St58	-	All	All	All
Operating System	Lenovo	Thinksystem St58 Firmware	All	All	All	All
Hardware	Lenovo	V30a-22iml	-	All	All	All
Operating System	Lenovo	V30a-22iml Firmware	All	All	All	All
Hardware	Lenovo	V30a-24iml	-	All	All	All

Operating System	Lenovo	V30a-24iml Firmware	All	All	All	All
Hardware	Lenovo	V330-20icb	-	All	All	All
Operating System	Lenovo	V330-20icb Firmware	All	All	All	All
Hardware	Lenovo	V35s-07ada	-	All	All	All
Operating System	Lenovo	V35s-07ada Firmware	All	All	All	All
Hardware	Lenovo	V50a-22imb	-	All	All	All
Operating System	Lenovo	V50a-22imb Firmware	All	All	All	All
Hardware	Lenovo	V50a-24imb	-	All	All	All
Operating System	Lenovo	V50a-24imb 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	V520	-	All	All	All
Hardware	Lenovo	V520s	-	All	All	All
Operating System	Lenovo	V520s Firmware	All	All	All	All
Operating System	Lenovo	V520 Firmware	All	All	All	All
Hardware	Lenovo	V530-15arr	-	All	All	All
Operating System	Lenovo	V530-15arr Firmware	All	All	All	All
Hardware	Lenovo	V530-15icb	-	All	All	All
Operating System	Lenovo	V530-15icb Firmware	All	All	All	All
Hardware	Lenovo	V530-15icr	-	All	All	All
Operating System	Lenovo	V530-15icr Firmware	All	All	All	All
Hardware	Lenovo	V530-22icb	-	All	All	All
Operating System	Lenovo	V530-22icb Firmware	All	All	All	All
Hardware	Lenovo	V530-24icb	-	All	All	All
Operating System	Lenovo	V530-24icb 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	V540-24iwl	-	All	All	All
Operating System	Lenovo	V540-24iwl Firmware	All	All	All	All

Hardware	Lenovo	V55t-15api	-	All	All	All
Operating System	Lenovo	V55t-15api Firmware	All	All	All	All
Hardware	Lenovo	V55t-15are	-	All	All	All
Operating System	Lenovo	V55t-15are 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
Hardware	Lenovo	Yangtian Afq150	-	All	All	All
Operating System	Lenovo	Yangtian Afq150 Firmware	All	All	All	All
Hardware	Lenovo	Yoga A940-27icb	-	All	All	All
Operating System	Lenovo	Yoga A940-27icb Firmware	All	All	All	All
Hardware	Lenovo	Yta8900f	-	All	All	All
Operating System	Lenovo	Yta8900f Firmware	All	All	All	All

References			
Reference	Source	Link	Tags
Multi-Vendor BIOS Security Vulnerabilities (September 2022) - 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.

Legacy QID Mappings
377606 Lenovo BIOS Firmware Multiple Vulnerabilities - LEN-94953

© [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](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

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