



# CVE-2020-8333

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-8333
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@lenovo.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-09-24 21:15:00 UTC
<b>Updated</b>	2020-10-07 01:15:00 UTC
<b>Description</b>	A potential vulnerability in the SMI callback function used in the EEPROM driver in some Lenovo Desktops and ThinkStation

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Lenovo</a>	63	-	All	All	All
Hardware	<a href="#">Lenovo</a>	63	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">63 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">63 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">H50-30g</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">H50-30g</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">H50-30g Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">H50-30g Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">M4500</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">M4500</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">M4500 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">M4500 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">M4550</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">M4550</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">M4550 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">M4550 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Qitian 4500</a>	-	All	All	All

Hardware	<a href="#">Lenovo</a>	<a href="#">Qitian 4500</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Qitian 4500 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Qitian 4500 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Qitian B4550</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Qitian B4550</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Qitian B4550 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Qitian B4550 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Qitian M4550</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Qitian M4550</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Qitian M4550 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Qitian M4550 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73s</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73s Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73s Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E73 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E93</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E93</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E93 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre E93 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500k</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500k</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500k Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500k Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500q</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500q</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500q Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500q Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500s</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500s Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M4500s Firmware</a>	All	All	All	All

Hardware	Lenovo	Thinkcentre M4500t	-	All	All	All
Hardware	Lenovo	Thinkcentre M4500t	-	All	All	All
Operating System	Lenovo	Thinkcentre M4500t Firmware	All	All	All	All
Operating System	Lenovo	Thinkcentre M4500t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M9350z	-	All	All	All
Hardware	Lenovo	Thinkcentre M9350z	-	All	All	All
Operating System	Lenovo	Thinkcentre M9350z Firmware	All	All	All	All
Operating System	Lenovo	Thinkcentre M9350z Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M93z	-	All	All	All
Hardware	Lenovo	Thinkcentre M93z	-	All	All	All
Operating System	Lenovo	Thinkcentre M93z Firmware	All	All	All	All
Operating System	Lenovo	Thinkcentre M93z Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation C30	-	All	All	All
Hardware	Lenovo	Thinkstation C30	-	All	All	All
Operating System	Lenovo	Thinkstation C30 Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation C30 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation D30	-	All	All	All
Hardware	Lenovo	Thinkstation D30	-	All	All	All
Operating System	Lenovo	Thinkstation D30 Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation D30 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation E32	-	All	All	All
Hardware	Lenovo	Thinkstation E32	-	All	All	All
Operating System	Lenovo	Thinkstation E32 Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation E32 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P300	-	All	All	All
Hardware	Lenovo	Thinkstation P300	-	All	All	All
Operating System	Lenovo	Thinkstation P300 Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation P300 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation S30	-	All	All	All
Hardware	Lenovo	Thinkstation S30	-	All	All	All
Operating System	Lenovo	Thinkstation S30 Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation S30 Firmware	All	All	All	All
Hardware	Lenovo	Yangtian Afh81	-	All	All	All
Hardware	Lenovo	Yangtian Afh81	-	All	All	All
Operating System	Lenovo	Yangtian Afh81 Firmware	All	All	All	All

Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Ath81 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Mc H81</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Mc H81</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Mc H81 Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Mc H81 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Mf H81 Pci</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Mf H81 Pci</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Mf H81 Pci Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Mf H81 Pci Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Tc H81 Pci</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Tc H81 Pci</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Tc H81 Pci Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Tc H81 Pci Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Wcc H81 Pci</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Wcc H81 Pci</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Wcc H81 Pci Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Wcc H81 Pci Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Wf H81 Pci</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Yangtian Wf H81 Pci</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Wf H81 Pci Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Yangtian Wf H81 Pci Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Multi-vendor BIOS Security Vulnerabilities (June 2020) - US	CONFIRM	<a href="https://support.lenovo.com">support.lenovo.com</a>	Patch, Vendor Advisory
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

## 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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