



# CVE-2021-3462

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2021-3462   |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | psirt@lenovo.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2021-04-13 21:15:00 UTC   |
| <b>Updated</b>         | 2022-10-27 12:45:00 UTC   |
| <b>Description</b>     | A privilege escalation vulnerability in Lenovo Power Management Driver for Windows 10, prior to version 1.67.17.54, that ca |

## Risk And Classification

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

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                 | Product                                 | Version | Update | Edition | Language |
|-------------|------------------------|---|---------|--------|---------|----------|
| Application | <a href="#">Lenovo</a> | <a href="#">Power Management Driver</a> | All     | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad 11e Gen 5</a>      | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad 11e Yoga Gen 6</a> | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad 13 Gen 2</a>       | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad 25</a>             | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad A275</a>           | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad A285</a>           | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad A475</a>           | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad A485</a>           | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E14</a>            | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E14 Gen2</a>       | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E15</a>            | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E15 Gen2</a>       | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E470</a>           | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E470c</a>          | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E475</a>           | -       | All    | All     | All      |
| Hardware    | <a href="#">Lenovo</a> | <a href="#">Thinkpad E480</a>           | -       | All    | All     | All      |

|          |        |                         |   |     |     |     |
|----------|--------|-------------------------|---|-----|-----|-----|
| Hardware | Lenovo | Thinkpad E490           | - | All | All | All |
| Hardware | Lenovo | Thinkpad E495           | - | All | All | All |
| Hardware | Lenovo | Thinkpad E570           | - | All | All | All |
| Hardware | Lenovo | Thinkpad E570c          | - | All | All | All |
| Hardware | Lenovo | Thinkpad E575           | - | All | All | All |
| Hardware | Lenovo | Thinkpad E580           | - | All | All | All |
| Hardware | Lenovo | Thinkpad E590           | - | All | All | All |
| Hardware | Lenovo | Thinkpad E595           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L13            | - | All | All | All |
| Hardware | Lenovo | Thinkpad L13 Gen 1      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L13 Gen 2      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L13 Yoga       | - | All | All | All |
| Hardware | Lenovo | Thinkpad L13 Yoga Gen 1 | - | All | All | All |
| Hardware | Lenovo | Thinkpad L13 Yoga Gen 2 | - | All | All | All |
| Hardware | Lenovo | Thinkpad L14 Gen 1      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L14 Gen 2      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L15 Gen 1      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L15 Gen 2      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L380           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L380 Yoga      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L390           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L390 Yoga      | - | All | All | All |
| Hardware | Lenovo | Thinkpad L470           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L480           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L490           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L570           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L580           | - | All | All | All |
| Hardware | Lenovo | Thinkpad L590           | - | All | All | All |
| Hardware | Lenovo | Thinkpad P1             | - | All | All | All |
| Hardware | Lenovo | Thinkpad P14s Gen 1     | - | All | All | All |
| Hardware | Lenovo | Thinkpad P14s Gen 2     | - | All | All | All |
| Hardware | Lenovo | Thinkpad P15s Gen 1     | - | All | All | All |
| Hardware | Lenovo | Thinkpad P15s Gen 2     | - | All | All | All |
| Hardware | Lenovo | Thinkpad P15v Gen 1     | - | All | All | All |
| Hardware | Lenovo | Thinkpad P15 Gen 1      | - | All | All | All |

|          |        |                        |   |     |     |     |
|----------|--------|------------------------|---|-----|-----|-----|
| Hardware | Lenovo | Thinkpad P17 Gen 1     | - | All | All | All |
| Hardware | Lenovo | Thinkpad P1 Gen 2      | - | All | All | All |
| Hardware | Lenovo | Thinkpad P1 Gen 3      | - | All | All | All |
| Hardware | Lenovo | Thinkpad P43s          | - | All | All | All |
| Hardware | Lenovo | Thinkpad P51           | - | All | All | All |
| Hardware | Lenovo | Thinkpad P51s          | - | All | All | All |
| Hardware | Lenovo | Thinkpad P52           | - | All | All | All |
| Hardware | Lenovo | Thinkpad P52s          | - | All | All | All |
| Hardware | Lenovo | Thinkpad P53           | - | All | All | All |
| Hardware | Lenovo | Thinkpad P53s          | - | All | All | All |
| Hardware | Lenovo | Thinkpad P71           | - | All | All | All |
| Hardware | Lenovo | Thinkpad P72           | - | All | All | All |
| Hardware | Lenovo | Thinkpad P73           | - | All | All | All |
| Hardware | Lenovo | Thinkpad R14           | - | All | All | All |
| Hardware | Lenovo | Thinkpad R14 Gen 2     | - | All | All | All |
| Hardware | Lenovo | Thinkpad R480          | - | All | All | All |
| Hardware | Lenovo | Thinkpad S1 Gen 4      | - | All | All | All |
| Hardware | Lenovo | Thinkpad S2 Gen 2      | - | All | All | All |
| Hardware | Lenovo | Thinkpad S2 Gen 5      | - | All | All | All |
| Hardware | Lenovo | Thinkpad S2 Gen 6      | - | All | All | All |
| Hardware | Lenovo | Thinkpad S2 Yoga Gen 5 | - | All | All | All |
| Hardware | Lenovo | Thinkpad S2 Yoga Gen 6 | - | All | All | All |
| Hardware | Lenovo | Thinkpad S3 Gen 2      | - | All | All | All |
| Hardware | Lenovo | Thinkpad S5 Gen 2      | - | All | All | All |
| Hardware | Lenovo | Thinkpad T14s Gen 1    | - | All | All | All |
| Hardware | Lenovo | Thinkpad T14s Gen 2i   | - | All | All | All |
| Hardware | Lenovo | Thinkpad T14 Gen 1     | - | All | All | All |
| Hardware | Lenovo | Thinkpad T14 Gen 2     | - | All | All | All |
| Hardware | Lenovo | Thinkpad T15g Gen 1    | - | All | All | All |
| Hardware | Lenovo | Thinkpad T15p Gen 1    | - | All | All | All |
| Hardware | Lenovo | Thinkpad T15 Gen 1     | - | All | All | All |
| Hardware | Lenovo | Thinkpad T15 Gen 2     | - | All | All | All |
| Hardware | Lenovo | Thinkpad T470          | - | All | All | All |
| Hardware | Lenovo | Thinkpad T470p         | - | All | All | All |
| Hardware | Lenovo | Thinkpad T470s         | - | All | All | All |

|          |        |                            |   |     |     |     |
|----------|--------|----------------------------|---|-----|-----|-----|
| Hardware | Lenovo | Thinkpad 1480              | - | All | All | All |
| Hardware | Lenovo | Thinkpad T480s             | - | All | All | All |
| Hardware | Lenovo | Thinkpad T490              | - | All | All | All |
| Hardware | Lenovo | Thinkpad T490s             | - | All | All | All |
| Hardware | Lenovo | Thinkpad T495              | - | All | All | All |
| Hardware | Lenovo | Thinkpad T570              | - | All | All | All |
| Hardware | Lenovo | Thinkpad T580              | - | All | All | All |
| Hardware | Lenovo | Thinkpad T590              | - | All | All | All |
| Hardware | Lenovo | Thinkpad X12               | - | All | All | All |
| Hardware | Lenovo | Thinkpad X13 Gen 1         | - | All | All | All |
| Hardware | Lenovo | Thinkpad X13 Gen 2i        | - | All | All | All |
| Hardware | Lenovo | Thinkpad X13 Yoga Gen 1    | - | All | All | All |
| Hardware | Lenovo | Thinkpad X13 Yoga Gen 2    | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Carbon Gen 5   | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Carbon Gen 6   | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Carbon Gen 7   | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Carbon Gen 8   | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Carbon Gen 9   | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Extreme        | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Extreme 2nd    | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Extreme Gen 3  | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Nano Gen 1     | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Tablet Gen 2   | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Tablet Gen 3   | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Titanium Gen 1 | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Yoga Gen 2     | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Yoga Gen 3     | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Yoga Gen 4     | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Yoga Gen 5     | - | All | All | All |
| Hardware | Lenovo | Thinkpad X1 Yoga Gen 6     | - | All | All | All |
| Hardware | Lenovo | Thinkpad X270              | - | All | All | All |
| Hardware | Lenovo | Thinkpad X280              | - | All | All | All |
| Hardware | Lenovo | Thinkpad X380 Yoga         | - | All | All | All |
| Hardware | Lenovo | Thinkpad X390              | - | All | All | All |
| Hardware | Lenovo | Thinkpad X390 Yoga         | - | All | All | All |
| Hardware | Lenovo | Thinkpad X395              | - | All | All | All |

|          |        |                         |   |     |     |     |
|----------|--------|-------------------------|---|-----|-----|-----|
| Hardware | Lenovo | Thinkpad Yoga 11e Gen 5 | - | All | All | All |
| Hardware | Lenovo | Thinkpad Yoga 370       | - | All | All | All |

## References

| Reference  | Source  | Link  | Tags                |
|--|---------|---|---------------------|
| Lenovo Power Management Driver 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 |

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** Lenovo thanks Aobo Wang of Chaitin Security Research Lab for reporting these issues.

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://mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://mitre.org/cve). This site includes MITRE data granted under the following [license](https://mitre.org/licenses).

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)