



CVE-2023-28064

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2023-28064 |
| State | PUBLIC |
| Assigner | secure@dell.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2023-06-23 11:15:00 UTC |
| Updated | 2023-06-30 21:18:00 UTC |
| Description | Dell BIOS contains an Out-of-bounds Write vulnerability. An unauthenticated physical attacker may potentially exploit this v |

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|----------------------|---|---------|--------|---------|----------|
| Hardware | Dell | Alienware M15 R6 | - | All | All | All |
| Operating System | Dell | Alienware M15 R6 Firmware | All | All | All | All |
| Hardware | Dell | Alienware M15 R7 | - | All | All | All |
| Operating System | Dell | Alienware M15 R7 Firmware | All | All | All | All |
| Hardware | Dell | Chengming 3900 | - | All | All | All |
| Operating System | Dell | Chengming 3900 Firmware | All | All | All | All |
| Hardware | Dell | Chengming 3901 | - | All | All | All |
| Operating System | Dell | Chengming 3901 Firmware | All | All | All | All |
| Hardware | Dell | G15 5510 | - | All | All | All |
| Operating System | Dell | G15 5510 Firmware | All | All | All | All |
| Hardware | Dell | G15 5511 | - | All | All | All |
| Operating System | Dell | G15 5511 Firmware | All | All | All | All |
| Hardware | Dell | G15 5520 | - | All | All | All |
| Operating System | Dell | G15 5520 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 14 5410 | - | All | All | All |
| Operating System | Dell | Inspiron 14 5410 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 14 5418 | - | All | All | All |

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|------------------|------|----------------------------------|-----|-----|-----|-----|
| Operating System | Dell | Inspiron 14 5418 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 14 Plus 7420 | - | All | All | All |
| Operating System | Dell | Inspiron 14 Plus 7420 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 15 3511 | - | All | All | All |
| Operating System | Dell | Inspiron 15 3511 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 15 5510 | - | All | All | All |
| Operating System | Dell | Inspiron 15 5510 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 15 5518 | - | All | All | All |
| Operating System | Dell | Inspiron 15 5518 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 16 7620 2-in-1 | - | All | All | All |
| Operating System | Dell | Inspiron 16 7620 2-in-1 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 16 Plus 7620 | - | All | All | All |
| Operating System | Dell | Inspiron 16 Plus 7620 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 3511 | - | All | All | All |
| Operating System | Dell | Inspiron 3511 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 3520 | - | All | All | All |
| Operating System | Dell | Inspiron 3520 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 3891 | - | All | All | All |
| Operating System | Dell | Inspiron 3891 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 3910 | - | All | All | All |
| Operating System | Dell | Inspiron 3910 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 5310 | - | All | All | All |
| Operating System | Dell | Inspiron 5310 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 5320 | - | All | All | All |
| Operating System | Dell | Inspiron 5320 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 5410 | - | All | All | All |
| Operating System | Dell | Inspiron 5410 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 5420 | - | All | All | All |
| Operating System | Dell | Inspiron 5420 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 5620 | - | All | All | All |
| Operating System | Dell | Inspiron 5620 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 7420 | - | All | All | All |
| Operating System | Dell | Inspiron 7420 Firmware | All | All | All | All |
| Hardware | Dell | Inspiron 7510 | - | All | All | All |
| Operating System | Dell | Inspiron 7510 Firmware | All | All | All | All |

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|------------------|------|-------------------------------|-----|-----|-----|-----|
| Hardware | Dell | Inspiron 7610 | - | All | All | All |
| Operating System | Dell | Inspiron 7610 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 3120 | - | All | All | All |
| Operating System | Dell | Latitude 3120 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 3320 | - | All | All | All |
| Operating System | Dell | Latitude 3320 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 3330 | - | All | All | All |
| Operating System | Dell | Latitude 3330 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 3420 | - | All | All | All |
| Operating System | Dell | Latitude 3420 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 3430 | - | All | All | All |
| Operating System | Dell | Latitude 3430 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 3520 | - | All | All | All |
| Operating System | Dell | Latitude 3520 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 3530 | - | All | All | All |
| Operating System | Dell | Latitude 3530 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 5320 | - | All | All | All |
| Operating System | Dell | Latitude 5320 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 5330 | - | All | All | All |
| Operating System | Dell | Latitude 5330 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 5520 | - | All | All | All |
| Operating System | Dell | Latitude 5520 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 5530 | - | All | All | All |
| Operating System | Dell | Latitude 5530 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 5531 | - | All | All | All |
| Operating System | Dell | Latitude 5531 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 7330 | - | All | All | All |
| Operating System | Dell | Latitude 7330 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 7430 | - | All | All | All |
| Operating System | Dell | Latitude 7430 Firmware | All | All | All | All |
| Hardware | Dell | Latitude 7530 | - | All | All | All |
| Operating System | Dell | Latitude 7530 Firmware | All | All | All | All |
| Hardware | Dell | Latitude Rugged 5430 | - | All | All | All |
| Operating System | Dell | Latitude Rugged 5430 Firmware | All | All | All | All |
| Hardware | Dell | Latitude Rugged 7330 | - | All | All | All |

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|------------------|------|---|-----|-----|-----|-----|
| Operating System | Dell | Latitude Hugged /330 Firmware | All | All | All | All |
| Hardware | Dell | Optiplex 3000 | - | All | All | All |
| Operating System | Dell | Optiplex 3000 Firmware | All | All | All | All |
| Hardware | Dell | Optiplex 5000 | - | All | All | All |
| Operating System | Dell | Optiplex 5000 Firmware | All | All | All | All |
| Hardware | Dell | Optiplex 5400 | - | All | All | All |
| Operating System | Dell | Optiplex 5400 Firmware | All | All | All | All |
| Hardware | Dell | Optiplex 7000 | - | All | All | All |
| Operating System | Dell | Optiplex 7000 Firmware | All | All | All | All |
| Hardware | Dell | Optiplex 7000 Oem | - | All | All | All |
| Operating System | Dell | Optiplex 7000 Oem Firmware | All | All | All | All |
| Hardware | Dell | Optiplex 7400 | - | All | All | All |
| Operating System | Dell | Optiplex 7400 Firmware | All | All | All | All |
| Hardware | Dell | Optiplex 7410 All-in-one | - | All | All | All |
| Operating System | Dell | Optiplex 7410 All-in-one Firmware | All | All | All | All |
| Hardware | Dell | Precision 3560 | - | All | All | All |
| Operating System | Dell | Precision 3560 Firmware | All | All | All | All |
| Hardware | Dell | Precision 3570 | - | All | All | All |
| Operating System | Dell | Precision 3570 Firmware | All | All | All | All |
| Hardware | Dell | Precision 3571 | - | All | All | All |
| Operating System | Dell | Precision 3571 Firmware | All | All | All | All |
| Hardware | Dell | Precision 5760 | - | All | All | All |
| Operating System | Dell | Precision 5760 Firmware | All | All | All | All |
| Hardware | Dell | Precision 5770 | - | All | All | All |
| Operating System | Dell | Precision 5770 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 3420 | - | All | All | All |
| Operating System | Dell | Vostro 3420 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 3510 | - | All | All | All |
| Operating System | Dell | Vostro 3510 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 3520 | - | All | All | All |
| Operating System | Dell | Vostro 3520 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 3910 | - | All | All | All |
| Operating System | Dell | Vostro 3910 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 5310 | - | All | All | All |
| Operating System | Dell | Vostro 5310 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 5320 | - | All | All | All |

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|------------------|------|-----------------------------|-----|-----|-----|-----|
| Operating System | Dell | Vostro 5320 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 5410 | - | All | All | All |
| Operating System | Dell | Vostro 5410 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 5510 | - | All | All | All |
| Operating System | Dell | Vostro 5510 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 5620 | - | All | All | All |
| Operating System | Dell | Vostro 5620 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 7510 | - | All | All | All |
| Operating System | Dell | Vostro 7510 Firmware | All | All | All | All |
| Hardware | Dell | Vostro 7620 | - | All | All | All |
| Operating System | Dell | Vostro 7620 Firmware | All | All | All | All |
| Hardware | Dell | Xps 13 9315 2-in-1 | - | All | All | All |
| Operating System | Dell | Xps 13 9315 2-in-1 Firmware | All | All | All | All |
| Hardware | Dell | Xps 17 9710 | - | All | All | All |
| Operating System | Dell | Xps 17 9710 Firmware | All | All | All | All |
| Hardware | Dell | Xps 17 9720 | - | All | All | All |
| Operating System | Dell | Xps 17 9720 Firmware | All | All | All | All |

References

| Reference | Source | Link | Tags |
|--------------------------|---------|--|---------------------|
| Access Denied | MISC | www.dell.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.

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