



CVE-2022-31643

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2022-31643 |
| State | PUBLIC |
| Assigner | hp-security-alert@hp.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2023-04-28 16:15:00 UTC |
| Updated | 2023-05-10 17:05:00 UTC |
| Description | A potential security vulnerability has been identified in the system BIOS for certain HP PC products which may allow loss of |

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------------------|---|----------|--------|---------|----------|
| Hardware | Hp | Dragonfly Folio G3 | - | All | All | All |
| Operating System | Hp | Dragonfly Folio G3 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Elitebook 1040 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 1040 G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Elitebook 630 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 630 G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Elitebook 640 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 640 G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Elitebook 645 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 645 G9 Firmware | 01.08.01 | All | All | All |
| Hardware | Hp | Elitebook 650 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 650 G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Elitebook 655 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 655 G9 Firmware | 01.08.01 | All | All | All |
| Hardware | Hp | Elitebook 830 G8 | - | All | All | All |
| Operating System | Hp | Elitebook 830 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook 830 G9 | - | All | All | All |

| | | | | | | |
|------------------|----|---|----------|-----|-----|-----|
| Operating System | Hp | Elitebook 830 G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Elitebook 835 G8 | - | All | All | All |
| Operating System | Hp | Elitebook 835 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook 835 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 835 G9 Firmware | 01.02.01 | All | All | All |
| Hardware | Hp | Elitebook 840 Aero G8 | - | All | All | All |
| Operating System | Hp | Elitebook 840 Aero G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook 840 G8 | - | All | All | All |
| Operating System | Hp | Elitebook 840 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook 840 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 840 G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Elitebook 845 G8 | - | All | All | All |
| Operating System | Hp | Elitebook 845 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook 845 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 845 G9 Firmware | 01.02.01 | All | All | All |
| Hardware | Hp | Elitebook 850 G8 | - | All | All | All |
| Operating System | Hp | Elitebook 850 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook 855 G8 | - | All | All | All |
| Operating System | Hp | Elitebook 855 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook 860 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 860 G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Elitebook 865 G9 | - | All | All | All |
| Operating System | Hp | Elitebook 865 G9 Firmware | 01.02.01 | All | All | All |
| Hardware | Hp | Elitebook X360 1030 G8 | - | All | All | All |
| Operating System | Hp | Elitebook X360 1030 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook X360 1040 G8 | - | All | All | All |
| Operating System | Hp | Elitebook X360 1040 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitebook X360 830 G8 | - | All | All | All |
| Operating System | Hp | Elitebook X360 830 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elitedesk 800 G8 | - | All | All | All |
| Operating System | Hp | Elitedesk 800 G8 Firmware | 02.09.01 | All | All | All |
| Hardware | Hp | Elitedesk 805 G8 | - | All | All | All |
| Operating System | Hp | Elitedesk 805 G8 Firmware | 02.05.02 | All | All | All |
| Hardware | Hp | Elitedesk 880 G8 | - | All | All | All |
| Operating System | Hp | Elitedesk 880 G8 Firmware | 02.09.01 | All | All | All |

| | | | | | | |
|------------------|----|------------------------------|----------|-----|-----|-----|
| Hardware | Hp | Eliteone 800 G8 24 | - | All | All | All |
| Operating System | Hp | Eliteone 800 G8 24 Firmware | 02.09.01 | All | All | All |
| Hardware | Hp | Eliteone 800 G8 27 | - | All | All | All |
| Operating System | Hp | Eliteone 800 G8 27 Firmware | 02.09.01 | All | All | All |
| Hardware | Hp | Eliteone 840 G9 | - | All | All | All |
| Operating System | Hp | Eliteone 840 G9 Firmware | 02.06.00 | All | All | All |
| Hardware | Hp | Eliteone 870 G9 | - | All | All | All |
| Operating System | Hp | Eliteone 870 G9 Firmware | 02.06.00 | All | All | All |
| Hardware | Hp | Elite Dragonfly G2 | - | All | All | All |
| Operating System | Hp | Elite Dragonfly G2 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elite Dragonfly G3 | - | All | All | All |
| Operating System | Hp | Elite Dragonfly G3 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Elite Dragonfly Max | - | All | All | All |
| Operating System | Hp | Elite Dragonfly Max Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elite Mini 600 G9 | - | All | All | All |
| Operating System | Hp | Elite Mini 600 G9 Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Elite Mini 800 G9 | - | All | All | All |
| Operating System | Hp | Elite Mini 800 G9 Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Elite Mt645 G7 | - | All | All | All |
| Operating System | Hp | Elite Mt645 G7 Firmware | 01.10.01 | All | All | All |
| Hardware | Hp | Elite Sff 600 G9 | - | All | All | All |
| Operating System | Hp | Elite Sff 600 G9 Firmware | 02.05.01 | All | All | All |
| Hardware | Hp | Elite Sff 800 G9 | - | All | All | All |
| Operating System | Hp | Elite Sff 800 G9 Firmware | 02.05.01 | All | All | All |
| Hardware | Hp | Elite Tower 600 G9 | - | All | All | All |
| Operating System | Hp | Elite Tower 600 G9 Firmware | 02.05.01 | All | All | All |
| Hardware | Hp | Elite Tower 680 G9 | - | All | All | All |
| Operating System | Hp | Elite Tower 680 G9 Firmware | 02.05.01 | All | All | All |
| Hardware | Hp | Elite Tower 800 G9 | - | All | All | All |
| Operating System | Hp | Elite Tower 800 G9 Firmware | 02.05.01 | All | All | All |
| Hardware | Hp | Elite Tower 880 G9 | - | All | All | All |
| Operating System | Hp | Elite Tower 880 G9 Firmware | 02.05.01 | All | All | All |
| Hardware | Hp | Elite X2 G8 | - | All | All | All |
| Operating System | Hp | Elite X2 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Elite X360 1040 G9 | - | All | All | All |
| Operating System | Hp | Elite X360 1040 G9 Firmware | 01.09.01 | All | All | All |

| | | | | | | |
|------------------|----|-------------------------------------|----------|-----|-----|-----|
| Operating System | Hp | Elite X360 1040 G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Elite X360 830 G9 | - | All | All | All |
| Operating System | Hp | Elite X360 830 G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Engage Go 10 | - | All | All | All |
| Operating System | Hp | Engage Go 10 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Hp Z2 Mini G9 | - | All | All | All |
| Operating System | Hp | Hp Z2 Mini G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Hp Z2 Small Form Factor G8 | - | All | All | All |
| Operating System | Hp | Hp Z2 Small Form Factor G8 Firmware | 01.05.02 | All | All | All |
| Hardware | Hp | Hp Z2 Small Form Factor G9 | - | All | All | All |
| Operating System | Hp | Hp Z2 Small Form Factor G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Hp Z2 Tower G8 | - | All | All | All |
| Operating System | Hp | Hp Z2 Tower G8 Firmware | 01.05.02 | All | All | All |
| Hardware | Hp | Hp Z2 Tower G9 | - | All | All | All |
| Operating System | Hp | Hp Z2 Tower G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Mini Conferencing Pc | - | All | All | All |
| Operating System | Hp | Mini Conferencing Pc Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Probook 430 G8 | - | All | All | All |
| Operating System | Hp | Probook 430 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 440 G8 | - | All | All | All |
| Operating System | Hp | Probook 440 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 440 G9 | - | All | All | All |
| Operating System | Hp | Probook 440 G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Probook 445 G8 | - | All | All | All |
| Operating System | Hp | Probook 445 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 445 G9 | - | All | All | All |
| Operating System | Hp | Probook 445 G9 Firmware | 01.08.01 | All | All | All |
| Hardware | Hp | Probook 450 G8 | - | All | All | All |
| Operating System | Hp | Probook 450 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 450 G9 | - | All | All | All |
| Operating System | Hp | Probook 450 G9 Firmware | 01.04.00 | All | All | All |
| Hardware | Hp | Probook 455 G8 | - | All | All | All |
| Operating System | Hp | Probook 455 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 455 G9 | - | All | All | All |
| Operating System | Hp | Probook 455 G9 Firmware | 01.08.01 | All | All | All |
| Hardware | Hp | Probook 630 G8 | - | All | All | All |

| | | | | | | |
|------------------|----|--|----------|-----|-----|-----|
| Operating System | Hp | Probook 630 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 635 Aero G8 | - | All | All | All |
| Operating System | Hp | Probook 635 Aero G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 640 G8 | - | All | All | All |
| Operating System | Hp | Probook 640 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook 650 G8 | - | All | All | All |
| Operating System | Hp | Probook 650 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook Fortis G10 | - | All | All | All |
| Operating System | Hp | Probook Fortis G10 Firmware | 01.03.00 | All | All | All |
| Hardware | Hp | Probook Fortis G9 | - | All | All | All |
| Operating System | Hp | Probook Fortis G9 Firmware | 01.03.00 | All | All | All |
| Hardware | Hp | Probook X360 11 G7 Ee | - | All | All | All |
| Operating System | Hp | Probook X360 11 G7 Ee Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Probook X360 435 G8 | - | All | All | All |
| Operating System | Hp | Probook X360 435 G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Prodesk 405 G8 | - | All | All | All |
| Operating System | Hp | Prodesk 405 G8 Firmware | 02.05.02 | All | All | All |
| Hardware | Hp | Proone 440 G9 | - | All | All | All |
| Operating System | Hp | Proone 440 G9 Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Pro Mini 400 G9 | - | All | All | All |
| Operating System | Hp | Pro Mini 400 G9 Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Pro Mt440 G3 | - | All | All | All |
| Operating System | Hp | Pro Mt440 G3 Firmware | 01.05.00 | All | All | All |
| Hardware | Hp | Pro Sff 400 G9 | - | All | All | All |
| Operating System | Hp | Pro Sff 400 G9 Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Pro Tower 400 G9 | - | All | All | All |
| Operating System | Hp | Pro Tower 400 G9 Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Pro Tower 480 G9 | - | All | All | All |
| Operating System | Hp | Pro Tower 480 G9 Firmware | 02.05.00 | All | All | All |
| Hardware | Hp | Pro X360 Fortis G10 | - | All | All | All |
| Operating System | Hp | Pro X360 Fortis G10 Firmware | 01.03.00 | All | All | All |
| Hardware | Hp | Pro X360 Fortis G9 | - | All | All | All |
| Operating System | Hp | Pro X360 Fortis G9 Firmware | 01.03.00 | All | All | All |
| Hardware | Hp | Z1 G8 Tower | - | All | All | All |
| Operating System | Hp | Z1 G8 Tower Firmware | 02.09.01 | All | All | All |

| | | | | | | |
|------------------|----|------------------------------|----------|-----|-----|-----|
| Hardware | Hp | Z1 G9 Tower | - | All | All | All |
| Operating System | Hp | Z1 G9 Tower Firmware | 02.05.01 | All | All | All |
| Hardware | Hp | Zbook Firefly G8 | - | All | All | All |
| Operating System | Hp | Zbook Firefly G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Zbook Firefly G9 | - | All | All | All |
| Operating System | Hp | Zbook Firefly G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Zbook Fury 16 G9 | - | All | All | All |
| Operating System | Hp | Zbook Fury 16 G9 Firmware | 01.03.02 | All | All | All |
| Hardware | Hp | Zbook Fury G8 | - | All | All | All |
| Operating System | Hp | Zbook Fury G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Zbook Power G8 | - | All | All | All |
| Operating System | Hp | Zbook Power G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Zbook Power G9 | - | All | All | All |
| Operating System | Hp | Zbook Power G9 Firmware | 01.03.00 | All | All | All |
| Hardware | Hp | Zbook Studio G8 | - | All | All | All |
| Operating System | Hp | Zbook Studio G8 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Zbook Studio G9 | - | All | All | All |
| Operating System | Hp | Zbook Studio G9 Firmware | 01.03.01 | All | All | All |
| Hardware | Hp | Zhan 66 Pro A 14 G4 | - | All | All | All |
| Operating System | Hp | Zhan 66 Pro A 14 G4 Firmware | 01.10.00 | All | All | All |
| Hardware | Hp | Zhan 66 Pro A 14 G5 | - | All | All | All |
| Operating System | Hp | Zhan 66 Pro A 14 G5 Firmware | 01.08.01 | All | All | All |
| Hardware | Hp | Zhan 66 Pro G5 | - | All | All | All |
| Operating System | Hp | Zhan 66 Pro G5 Firmware | 01.04.00 | All | All | All |

References

| Reference | Source | Link | Tags |
|---|---------|---|---------------------|
| HP PC BIOS October 2022 PCR Measurement Update HP® Customer Support | MISC | support.hp.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.

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](#)