



CVE-2022-31640

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

Summary

CVE	CVE-2022-31640
State	PUBLIC
Assigner	hp-security-alert@hp.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-06-14 17:15:00 UTC
Updated	2023-06-30 00:04:00 UTC
Description	Potential vulnerabilities have been identified in the system BIOS of certain HP PC products, which might allow arbitrary cod

Risk And Classification

Problem Types: CWE-367

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Hp	Elitebook 1040 G4	-	All	All	All
Operating System	Hp	Elitebook 1040 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 1040 G9	-	All	All	All
Operating System	Hp	Elitebook 1040 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 1050 G1	-	All	All	All
Operating System	Hp	Elitebook 1050 G1 Firmware	All	All	All	All
Hardware	Hp	Elitebook 630 G9	-	All	All	All
Operating System	Hp	Elitebook 630 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 640 G9	-	All	All	All
Operating System	Hp	Elitebook 640 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 645 G9	-	All	All	All
Operating System	Hp	Elitebook 645 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 650 G9	-	All	All	All
Operating System	Hp	Elitebook 650 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 655 G9	-	All	All	All
Operating System	Hp	Elitebook 655 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 725 G4	-	All	All	All

Operating System	Hp	Elitebook 725 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 735 G5	-	All	All	All
Operating System	Hp	Elitebook 735 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 735 G6	-	All	All	All
Operating System	Hp	Elitebook 735 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook 745 G4	-	All	All	All
Operating System	Hp	Elitebook 745 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 745 G5	-	All	All	All
Operating System	Hp	Elitebook 745 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 745 G6	-	All	All	All
Operating System	Hp	Elitebook 745 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook 755 G4	-	All	All	All
Operating System	Hp	Elitebook 755 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 755 G5	-	All	All	All
Operating System	Hp	Elitebook 755 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 820 G4	-	All	All	All
Operating System	Hp	Elitebook 820 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 828 G4	-	All	All	All
Operating System	Hp	Elitebook 828 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 830 G5	-	All	All	All
Operating System	Hp	Elitebook 830 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 830 G6	-	All	All	All
Operating System	Hp	Elitebook 830 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook 830 G7	-	All	All	All
Operating System	Hp	Elitebook 830 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook 830 G8	-	All	All	All
Operating System	Hp	Elitebook 830 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook 830 G9	-	All	All	All
Operating System	Hp	Elitebook 830 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 835 G7	-	All	All	All
Operating System	Hp	Elitebook 835 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook 835 G8	-	All	All	All
Operating System	Hp	Elitebook 835 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook 835 G9	-	All	All	All
Operating System	Hp	Elitebook 835 G9 Firmware	All	All	All	All

Hardware	Hp	Elitebook 836 G5	-	All	All	All
Operating System	Hp	Elitebook 836 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 836 G6	-	All	All	All
Operating System	Hp	Elitebook 836 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840r G4	-	All	All	All
Operating System	Hp	Elitebook 840r G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 Aero G8	-	All	All	All
Operating System	Hp	Elitebook 840 Aero G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G4	-	All	All	All
Operating System	Hp	Elitebook 840 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G5	-	All	All	All
Operating System	Hp	Elitebook 840 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G5 Healthcare Edition	-	All	All	All
Operating System	Hp	Elitebook 840 G5 Healthcare Edition Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G6	-	All	All	All
Operating System	Hp	Elitebook 840 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G6 Healthcare Edition	-	All	All	All
Operating System	Hp	Elitebook 840 G6 Healthcare Edition Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G7	-	All	All	All
Operating System	Hp	Elitebook 840 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G8	-	All	All	All
Operating System	Hp	Elitebook 840 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook 840 G9	-	All	All	All
Operating System	Hp	Elitebook 840 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 845 G7	-	All	All	All
Operating System	Hp	Elitebook 845 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook 845 G8	-	All	All	All
Operating System	Hp	Elitebook 845 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook 845 G9	-	All	All	All
Operating System	Hp	Elitebook 845 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 846r G4	-	All	All	All
Operating System	Hp	Elitebook 846r G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 846 G5	-	All	All	All
Operating System	Hp	Elitebook 846 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 846 G5 Healthcare Edition	-	All	All	All
Operating System	Hp	Elitebook 846 G5 Healthcare Edition Firmware	All	All	All	All

Operating System	Hp	Elitebook 846 G5 Healthcare Edition Firmware	All	All	All	All
Hardware	Hp	Elitebook 848 G4	-	All	All	All
Operating System	Hp	Elitebook 848 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 850 G4	-	All	All	All
Operating System	Hp	Elitebook 850 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook 850 G5	-	All	All	All
Operating System	Hp	Elitebook 850 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook 850 G6	-	All	All	All
Operating System	Hp	Elitebook 850 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook 850 G7	-	All	All	All
Operating System	Hp	Elitebook 850 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook 850 G8	-	All	All	All
Operating System	Hp	Elitebook 850 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook 855 G7	-	All	All	All
Operating System	Hp	Elitebook 855 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook 855 G8	-	All	All	All
Operating System	Hp	Elitebook 855 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook 860 G9	-	All	All	All
Operating System	Hp	Elitebook 860 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook 865 G9	-	All	All	All
Operating System	Hp	Elitebook 865 G9 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1020 G2	-	All	All	All
Operating System	Hp	Elitebook X360 1020 G2 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1030 G2	-	All	All	All
Operating System	Hp	Elitebook X360 1030 G2 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1030 G3	-	All	All	All
Operating System	Hp	Elitebook X360 1030 G3 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1030 G4	-	All	All	All
Operating System	Hp	Elitebook X360 1030 G4 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1030 G7	-	All	All	All
Operating System	Hp	Elitebook X360 1030 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1030 G8	-	All	All	All
Operating System	Hp	Elitebook X360 1030 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1040 G5	-	All	All	All
Operating System	Hp	Elitebook X360 1040 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1040 G6	-	All	All	All

Operating System	Hp	Elitebook X360 1040 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1040 G7	-	All	All	All
Operating System	Hp	Elitebook X360 1040 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 1040 G8	-	All	All	All
Operating System	Hp	Elitebook X360 1040 G8 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 830 G5	-	All	All	All
Operating System	Hp	Elitebook X360 830 G5 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 830 G6	-	All	All	All
Operating System	Hp	Elitebook X360 830 G6 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 830 G7	-	All	All	All
Operating System	Hp	Elitebook X360 830 G7 Firmware	All	All	All	All
Hardware	Hp	Elitebook X360 830 G8	-	All	All	All
Operating System	Hp	Elitebook X360 830 G8 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 705 G4	-	All	All	All
Operating System	Hp	Elitedesk 705 G4 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 705 G5	-	All	All	All
Operating System	Hp	Elitedesk 705 G5 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 800 G3	-	All	All	All
Operating System	Hp	Elitedesk 800 G3 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 800 G4	-	All	All	All
Operating System	Hp	Elitedesk 800 G4 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 800 G5	-	All	All	All
Operating System	Hp	Elitedesk 800 G5 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 800 G6	-	All	All	All
Operating System	Hp	Elitedesk 800 G6 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 800 G8	-	All	All	All
Operating System	Hp	Elitedesk 800 G8 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 805 G6	-	All	All	All
Operating System	Hp	Elitedesk 805 G6 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 805 G8	-	All	All	All
Operating System	Hp	Elitedesk 805 G8 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 880 G3	-	All	All	All
Operating System	Hp	Elitedesk 880 G3 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 880 G4	-	All	All	All
Operating System	Hp	Elitedesk 880 G4 Firmware	All	All	All	All

Hardware	Hp	Elitedesk 880 G5	-	All	All	All
Operating System	Hp	Elitedesk 880 G5 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 880 G6	-	All	All	All
Operating System	Hp	Elitedesk 880 G6 Firmware	All	All	All	All
Hardware	Hp	Elitedesk 880 G8	-	All	All	All
Operating System	Hp	Elitedesk 880 G8 Firmware	All	All	All	All
Hardware	Hp	Eliteone 1000 G1	-	All	All	All
Operating System	Hp	Eliteone 1000 G1 Firmware	All	All	All	All
Hardware	Hp	Eliteone 1000 G2	-	All	All	All
Operating System	Hp	Eliteone 1000 G2 Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G3	-	All	All	All
Operating System	Hp	Eliteone 800 G3 Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G3 Healthcare Edition	-	All	All	All
Operating System	Hp	Eliteone 800 G3 Healthcare Edition Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G4	-	All	All	All
Operating System	Hp	Eliteone 800 G4 Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G4 Healthcare Edition	-	All	All	All
Operating System	Hp	Eliteone 800 G4 Healthcare Edition Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G5	-	All	All	All
Operating System	Hp	Eliteone 800 G5 Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G5 Healthcare Edition	-	All	All	All
Operating System	Hp	Eliteone 800 G5 Healthcare Edition Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G6	-	All	All	All
Operating System	Hp	Eliteone 800 G6 Firmware	All	All	All	All
Hardware	Hp	Eliteone 800 G8	-	All	All	All
Operating System	Hp	Eliteone 800 G8 Firmware	All	All	All	All
Hardware	Hp	Eliteone 840 G9	-	All	All	All
Operating System	Hp	Eliteone 840 G9 Firmware	All	All	All	All
Hardware	Hp	Eliteone 870 G9	-	All	All	All
Operating System	Hp	Eliteone 870 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Dragonfly	-	All	All	All
Operating System	Hp	Elite Dragonfly Firmware	All	All	All	All
Hardware	Hp	Elite Dragonfly G2	-	All	All	All
Operating System	Hp	Elite Dragonfly G2 Firmware	All	All	All	All
Hardware	Hp	Elite Dragonfly G3	-	All	All	All
Operating System	Hp	Elite Dragonfly G3 Firmware	All	All	All	All

Operating System	Hp	Elite Dragonfly G3 Firmware	All	All	All	All
Hardware	Hp	Elite Dragonfly Max	-	All	All	All
Operating System	Hp	Elite Dragonfly Max Firmware	All	All	All	All
Hardware	Hp	Elite Mini 600 G9	-	All	All	All
Operating System	Hp	Elite Mini 600 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Mini 800 G9	-	All	All	All
Operating System	Hp	Elite Mini 800 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Sff 600 G9	-	All	All	All
Operating System	Hp	Elite Sff 600 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Sff 800 G9	-	All	All	All
Operating System	Hp	Elite Sff 800 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Slice G2	-	All	All	All
Operating System	Hp	Elite Slice G2 Firmware	All	All	All	All
Hardware	Hp	Elite Tower 600 G9	-	All	All	All
Operating System	Hp	Elite Tower 600 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Tower 680 G9	-	All	All	All
Operating System	Hp	Elite Tower 680 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Tower 800 G9	-	All	All	All
Operating System	Hp	Elite Tower 800 G9 Firmware	All	All	All	All
Hardware	Hp	Elite Tower 880 G9	-	All	All	All
Operating System	Hp	Elite Tower 880 G9 Firmware	All	All	All	All
Hardware	Hp	Elite X2 1012 G2	-	All	All	All
Operating System	Hp	Elite X2 1012 G2 Firmware	All	All	All	All
Hardware	Hp	Elite X2 1013 G3	-	All	All	All
Operating System	Hp	Elite X2 1013 G3 Firmware	All	All	All	All
Hardware	Hp	Elite X2 G4	-	All	All	All
Operating System	Hp	Elite X2 G4 Firmware	All	All	All	All
Hardware	Hp	Elite X2 G8	-	All	All	All
Operating System	Hp	Elite X2 G8 Firmware	All	All	All	All
Hardware	Hp	Elite X360 1040 G9	-	All	All	All
Operating System	Hp	Elite X360 1040 G9 Firmware	All	All	All	All
Hardware	Hp	Elite X360 830 G9	-	All	All	All
Operating System	Hp	Elite X360 830 G9 Firmware	All	All	All	All
Hardware	Hp	Engage Flex Mini Retail System	-	All	All	All
Operating System	Hp	Engage Flex Mini Retail System Firmware	All	All	All	All
Hardware	Hp	Engage Flex Pro-c Retail System	-	All	All	All

Operating System	Hp	Engage Flex Pro-c Retail System Firmware	All	All	All	All
Hardware	Hp	Engage Flex Pro Retail System	-	All	All	All
Operating System	Hp	Engage Flex Pro Retail System Firmware	All	All	All	All
Hardware	Hp	Engage Go 10 Mobile System	-	All	All	All
Operating System	Hp	Engage Go 10 Mobile System Firmware	All	All	All	All
Hardware	Hp	Engage Go Mobile System	-	All	All	All
Operating System	Hp	Engage Go Mobile System Firmware	All	All	All	All
Hardware	Hp	Engage One All-in-one System	-	All	All	All
Operating System	Hp	Engage One All-in-one System Firmware	All	All	All	All
Hardware	Hp	Engage One Pro Aio System	-	All	All	All
Operating System	Hp	Engage One Pro Aio System Firmware	All	All	All	All
Hardware	Hp	Mini Conferencing	-	All	All	All
Operating System	Hp	Mini Conferencing Firmware	All	All	All	All
Hardware	Hp	Mp9 G4 Retail System	-	All	All	All
Operating System	Hp	Mp9 G4 Retail System Firmware	All	All	All	All
Hardware	Hp	Mt21	-	All	All	All
Operating System	Hp	Mt21 Firmware	All	All	All	All
Hardware	Hp	Mt22	-	All	All	All
Operating System	Hp	Mt22 Firmware	All	All	All	All
Hardware	Hp	Mt31	-	All	All	All
Operating System	Hp	Mt31 Firmware	All	All	All	All
Hardware	Hp	Mt32	-	All	All	All
Operating System	Hp	Mt32 Firmware	All	All	All	All
Hardware	Hp	Mt43	-	All	All	All
Operating System	Hp	Mt43 Firmware	All	All	All	All
Hardware	Hp	Mt44	-	All	All	All
Operating System	Hp	Mt44 Firmware	All	All	All	All
Hardware	Hp	Mt45	-	All	All	All
Operating System	Hp	Mt45 Firmware	All	All	All	All
Hardware	Hp	Mt46	-	All	All	All
Operating System	Hp	Mt46 Firmware	All	All	All	All
Hardware	Hp	Probook 430 G4	-	All	All	All
Operating System	Hp	Probook 430 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 430 G5	-	All	All	All
Operating System	Hp	Probook 430 G5 Firmware	All	All	All	All

Hardware	Hp	Probook 430 G6	-	All	All	All
Operating System	Hp	Probook 430 G6 Firmware	All	All	All	All
Hardware	Hp	Probook 430 G7	-	All	All	All
Operating System	Hp	Probook 430 G7 Firmware	All	All	All	All
Hardware	Hp	Probook 430 G8	-	All	All	All
Operating System	Hp	Probook 430 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 440 G4	-	All	All	All
Operating System	Hp	Probook 440 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 440 G5	-	All	All	All
Operating System	Hp	Probook 440 G5 Firmware	All	All	All	All
Hardware	Hp	Probook 440 G6	-	All	All	All
Operating System	Hp	Probook 440 G6 Firmware	All	All	All	All
Hardware	Hp	Probook 440 G7	-	All	All	All
Operating System	Hp	Probook 440 G7 Firmware	All	All	All	All
Hardware	Hp	Probook 440 G8	-	All	All	All
Operating System	Hp	Probook 440 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 440 G9	-	All	All	All
Operating System	Hp	Probook 440 G9 Firmware	All	All	All	All
Hardware	Hp	Probook 445r G6	-	All	All	All
Operating System	Hp	Probook 445r G6 Firmware	All	All	All	All
Hardware	Hp	Probook 445 G6	-	All	All	All
Operating System	Hp	Probook 445 G6 Firmware	All	All	All	All
Hardware	Hp	Probook 445 G7	-	All	All	All
Operating System	Hp	Probook 445 G7 Firmware	All	All	All	All
Hardware	Hp	Probook 445 G8	-	All	All	All
Operating System	Hp	Probook 445 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 445 G9	-	All	All	All
Operating System	Hp	Probook 445 G9 Firmware	All	All	All	All
Hardware	Hp	Probook 450 G4	-	All	All	All
Operating System	Hp	Probook 450 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 450 G5	-	All	All	All
Operating System	Hp	Probook 450 G5 Firmware	All	All	All	All
Hardware	Hp	Probook 450 G6	-	All	All	All
Operating System	Hp	Probook 450 G6 Firmware	All	All	All	All
Hardware	Hp	Probook 450 G7	-	All	All	All
Operating System	Hp	Probook 450 G7 Firmware	All	All	All	All

Operating System	Hp	Probook 450 G7 Firmware	All	All	All	All
Hardware	Hp	Probook 450 G8	-	All	All	All
Operating System	Hp	Probook 450 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 450 G9	-	All	All	All
Operating System	Hp	Probook 450 G9 Firmware	All	All	All	All
Hardware	Hp	Probook 455r G6	-	All	All	All
Operating System	Hp	Probook 455r G6 Firmware	All	All	All	All
Hardware	Hp	Probook 455 G4	-	All	All	All
Operating System	Hp	Probook 455 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 455 G5	-	All	All	All
Operating System	Hp	Probook 455 G5 Firmware	All	All	All	All
Hardware	Hp	Probook 455 G6	-	All	All	All
Operating System	Hp	Probook 455 G6 Firmware	All	All	All	All
Hardware	Hp	Probook 455 G7	-	All	All	All
Operating System	Hp	Probook 455 G7 Firmware	All	All	All	All
Hardware	Hp	Probook 455 G8	-	All	All	All
Operating System	Hp	Probook 455 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 455 G9	-	All	All	All
Operating System	Hp	Probook 455 G9 Firmware	All	All	All	All
Hardware	Hp	Probook 470 G4	-	All	All	All
Operating System	Hp	Probook 470 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 470 G5	-	All	All	All
Operating System	Hp	Probook 470 G5 Firmware	All	All	All	All
Hardware	Hp	Probook 630 G8	-	All	All	All
Operating System	Hp	Probook 630 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 635 Aero G7	-	All	All	All
Operating System	Hp	Probook 635 Aero G7 Firmware	All	All	All	All
Hardware	Hp	Probook 635 Aero G8	-	All	All	All
Operating System	Hp	Probook 635 Aero G8 Firmware	All	All	All	All
Hardware	Hp	Probook 640 G3	-	All	All	All
Operating System	Hp	Probook 640 G3 Firmware	All	All	All	All
Hardware	Hp	Probook 640 G4	-	All	All	All
Operating System	Hp	Probook 640 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 640 G5	-	All	All	All
Operating System	Hp	Probook 640 G5 Firmware	All	All	All	All
Hardware	Hp	Probook 640 G7	-	All	All	All

Operating System	Hp	Probook 640 G7 Firmware	All	All	All	All
Hardware	Hp	Probook 640 G8	-	All	All	All
Operating System	Hp	Probook 640 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 645 G3	-	All	All	All
Operating System	Hp	Probook 645 G3 Firmware	All	All	All	All
Hardware	Hp	Probook 645 G4	-	All	All	All
Operating System	Hp	Probook 645 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 650 G3	-	All	All	All
Operating System	Hp	Probook 650 G3 Firmware	All	All	All	All
Hardware	Hp	Probook 650 G4	-	All	All	All
Operating System	Hp	Probook 650 G4 Firmware	All	All	All	All
Hardware	Hp	Probook 650 G5	-	All	All	All
Operating System	Hp	Probook 650 G5 Firmware	All	All	All	All
Hardware	Hp	Probook 650 G7	-	All	All	All
Operating System	Hp	Probook 650 G7 Firmware	All	All	All	All
Hardware	Hp	Probook 650 G8	-	All	All	All
Operating System	Hp	Probook 650 G8 Firmware	All	All	All	All
Hardware	Hp	Probook 655 G3	-	All	All	All
Operating System	Hp	Probook 655 G3 Firmware	All	All	All	All
Hardware	Hp	Probook Fortis G10	-	All	All	All
Operating System	Hp	Probook Fortis G10 Firmware	All	All	All	All
Hardware	Hp	Probook Fortis G9	-	All	All	All
Operating System	Hp	Probook Fortis G9 Firmware	All	All	All	All
Hardware	Hp	Probook X360 11 G2 Ee	-	All	All	All
Operating System	Hp	Probook X360 11 G2 Ee Firmware	All	All	All	All
Hardware	Hp	Probook X360 11 G3 Ee	-	All	All	All
Operating System	Hp	Probook X360 11 G3 Ee Firmware	All	All	All	All
Hardware	Hp	Probook X360 11 G4 Ee	-	All	All	All
Operating System	Hp	Probook X360 11 G4 Ee Firmware	All	All	All	All
Hardware	Hp	Probook X360 11 G5 Ee	-	All	All	All
Operating System	Hp	Probook X360 11 G5 Ee Firmware	All	All	All	All
Hardware	Hp	Probook X360 11 G6 Ee	-	All	All	All
Operating System	Hp	Probook X360 11 G6 Ee Firmware	All	All	All	All
Hardware	Hp	Probook X360 11 G7 Ee	-	All	All	All
Operating System	Hp	Probook X360 11 G7 Ee Firmware	All	All	All	All

Hardware	Hp	Probook X360 435 G7	-	All	All	All
Operating System	Hp	Probook X360 435 G7 Firmware	All	All	All	All
Hardware	Hp	Probook X360 435 G8	-	All	All	All
Operating System	Hp	Probook X360 435 G8 Firmware	All	All	All	All
Hardware	Hp	Probook X360 440 G1	-	All	All	All
Operating System	Hp	Probook X360 440 G1 Firmware	All	All	All	All
Hardware	Hp	Prodesk 400 G3	-	All	All	All
Operating System	Hp	Prodesk 400 G3 Firmware	All	All	All	All
Hardware	Hp	Prodesk 400 G4	-	All	All	All
Operating System	Hp	Prodesk 400 G4 Firmware	All	All	All	All
Hardware	Hp	Prodesk 400 G5	-	All	All	All
Operating System	Hp	Prodesk 400 G5 Firmware	All	All	All	All
Hardware	Hp	Prodesk 400 G6	-	All	All	All
Operating System	Hp	Prodesk 400 G6 Firmware	All	All	All	All
Hardware	Hp	Prodesk 400 G7	-	All	All	All
Operating System	Hp	Prodesk 400 G7 Firmware	All	All	All	All
Hardware	Hp	Prodesk 405 G4	-	All	All	All
Operating System	Hp	Prodesk 405 G4 Firmware	All	All	All	All
Hardware	Hp	Prodesk 405 G6	-	All	All	All
Operating System	Hp	Prodesk 405 G6 Firmware	All	All	All	All
Hardware	Hp	Prodesk 405 G8	-	All	All	All
Operating System	Hp	Prodesk 405 G8 Firmware	All	All	All	All
Hardware	Hp	Prodesk 480 G4	-	All	All	All
Operating System	Hp	Prodesk 480 G4 Firmware	All	All	All	All
Hardware	Hp	Prodesk 480 G5	-	All	All	All
Operating System	Hp	Prodesk 480 G5 Firmware	All	All	All	All
Hardware	Hp	Prodesk 480 G6	-	All	All	All
Operating System	Hp	Prodesk 480 G6 Firmware	All	All	All	All
Hardware	Hp	Prodesk 480 G7 Pci	-	All	All	All
Operating System	Hp	Prodesk 480 G7 Pci Firmware	All	All	All	All
Hardware	Hp	Prodesk 600 G3	-	All	All	All
Operating System	Hp	Prodesk 600 G3 Firmware	All	All	All	All
Hardware	Hp	Prodesk 600 G4	-	All	All	All
Operating System	Hp	Prodesk 600 G4 Firmware	All	All	All	All
Hardware	Hp	Prodesk 600 G5	-	All	All	All
Operating System	Hp	Prodesk 600 G5 Firmware	All	All	All	All

Operating System	Hp	Prodesk 600 G6 Firmware	-	All	All	All
Hardware	Hp	Prodesk 600 G6	-	All	All	All
Operating System	Hp	Prodesk 600 G6 Firmware	All	All	All	All
Hardware	Hp	Prodesk 680 G3	-	All	All	All
Operating System	Hp	Prodesk 680 G3 Firmware	All	All	All	All
Hardware	Hp	Prodesk 680 G4	-	All	All	All
Operating System	Hp	Prodesk 680 G4 Firmware	All	All	All	All
Hardware	Hp	Prodesk 680 G6 Pci	-	All	All	All
Operating System	Hp	Prodesk 680 G6 Pci Firmware	All	All	All	All
Hardware	Hp	Proone 400 G3	-	All	All	All
Operating System	Hp	Proone 400 G3 Firmware	All	All	All	All
Hardware	Hp	Proone 400 G4	-	All	All	All
Operating System	Hp	Proone 400 G4 Firmware	All	All	All	All
Hardware	Hp	Proone 400 G5	-	All	All	All
Operating System	Hp	Proone 400 G5 Firmware	All	All	All	All
Hardware	Hp	Proone 400 G6	-	All	All	All
Operating System	Hp	Proone 400 G6 Firmware	All	All	All	All
Hardware	Hp	Proone 440 G4	-	All	All	All
Operating System	Hp	Proone 440 G4 Firmware	All	All	All	All
Hardware	Hp	Proone 440 G5	-	All	All	All
Operating System	Hp	Proone 440 G5 Firmware	All	All	All	All
Hardware	Hp	Proone 440 G6	-	All	All	All
Operating System	Hp	Proone 440 G6 Firmware	All	All	All	All
Hardware	Hp	Proone 440 G9	-	All	All	All
Operating System	Hp	Proone 440 G9 Firmware	All	All	All	All
Hardware	Hp	Proone 480 G3	-	All	All	All
Operating System	Hp	Proone 480 G3 Firmware	All	All	All	All
Hardware	Hp	Proone 600 G3	-	All	All	All
Operating System	Hp	Proone 600 G3 Firmware	All	All	All	All
Hardware	Hp	Proone 600 G4	-	All	All	All
Operating System	Hp	Proone 600 G4 Firmware	All	All	All	All
Hardware	Hp	Proone 600 G5	-	All	All	All
Operating System	Hp	Proone 600 G5 Firmware	All	All	All	All
Hardware	Hp	Proone 600 G6	-	All	All	All
Operating System	Hp	Proone 600 G6 Firmware	All	All	All	All
Hardware	Hp	Pro Mini 400 G9	-	All	All	All

Operating System	Hp	Pro Mini 400 G9 Firmware	All	All	All	All
Hardware	Hp	Pro Mt440 G3	-	All	All	All
Operating System	Hp	Pro Mt440 G3 Firmware	All	All	All	All
Hardware	Hp	Pro Sff 400 G9	-	All	All	All
Operating System	Hp	Pro Sff 400 G9 Firmware	All	All	All	All
Hardware	Hp	Pro Tower 400 G9	-	All	All	All
Operating System	Hp	Pro Tower 400 G9 Firmware	All	All	All	All
Hardware	Hp	Pro Tower 480 G9	-	All	All	All
Operating System	Hp	Pro Tower 480 G9 Firmware	All	All	All	All
Hardware	Hp	Pro X2 612 G2	-	All	All	All
Operating System	Hp	Pro X2 612 G2 Firmware	All	All	All	All
Hardware	Hp	Pro X360 Fortis G10	-	All	All	All
Operating System	Hp	Pro X360 Fortis G10 Firmware	All	All	All	All
Hardware	Hp	Pro X360 Fortis G9	-	All	All	All
Operating System	Hp	Pro X360 Fortis G9 Firmware	All	All	All	All
Hardware	Hp	Rp9 G1 Retail System	-	All	All	All
Operating System	Hp	Rp9 G1 Retail System Firmware	All	All	All	All
Hardware	Hp	Z1 All-in-one G3	-	All	All	All
Operating System	Hp	Z1 All-in-one G3 Firmware	All	All	All	All
Hardware	Hp	Z1 Entry Tower G5	-	All	All	All
Operating System	Hp	Z1 Entry Tower G5 Firmware	All	All	All	All
Hardware	Hp	Z1 Entry Tower G6	-	All	All	All
Operating System	Hp	Z1 Entry Tower G6 Firmware	All	All	All	All
Hardware	Hp	Z1 G8 Tower	-	All	All	All
Operating System	Hp	Z1 G8 Tower Firmware	All	All	All	All
Hardware	Hp	Z1 G9 Tower	-	All	All	All
Operating System	Hp	Z1 G9 Tower Firmware	All	All	All	All
Hardware	Hp	Z238 Microtower	-	All	All	All
Operating System	Hp	Z238 Microtower Firmware	All	All	All	All
Hardware	Hp	Z240 Small Form Factor	-	All	All	All
Operating System	Hp	Z240 Small Form Factor Firmware	All	All	All	All
Hardware	Hp	Z240 Tower	-	All	All	All
Operating System	Hp	Z240 Tower Firmware	All	All	All	All
Hardware	Hp	Z2 Mini G3	-	All	All	All
Operating System	Hp	Z2 Mini G3 Firmware	All	All	All	All

Hardware	Hp	Z2 Mini G4	-	All	All	All
Operating System	Hp	Z2 Mini G4 Firmware	All	All	All	All
Hardware	Hp	Z2 Mini G5	-	All	All	All
Operating System	Hp	Z2 Mini G5 Firmware	All	All	All	All
Hardware	Hp	Z2 Mini G9	-	All	All	All
Operating System	Hp	Z2 Mini G9 Firmware	All	All	All	All
Hardware	Hp	Z2 Small Form Factor G4	-	All	All	All
Operating System	Hp	Z2 Small Form Factor G4 Firmware	All	All	All	All
Hardware	Hp	Z2 Small Form Factor G5	-	All	All	All
Operating System	Hp	Z2 Small Form Factor G5 Firmware	All	All	All	All
Hardware	Hp	Z2 Small Form Factor G8	-	All	All	All
Operating System	Hp	Z2 Small Form Factor G8 Firmware	All	All	All	All
Hardware	Hp	Z2 Small Form Factor G9	-	All	All	All
Operating System	Hp	Z2 Small Form Factor G9 Firmware	All	All	All	All
Hardware	Hp	Z2 Tower G4	-	All	All	All
Operating System	Hp	Z2 Tower G4 Firmware	All	All	All	All
Hardware	Hp	Z2 Tower G5	-	All	All	All
Operating System	Hp	Z2 Tower G5 Firmware	All	All	All	All
Hardware	Hp	Z2 Tower G8	-	All	All	All
Operating System	Hp	Z2 Tower G8 Firmware	All	All	All	All
Hardware	Hp	Z2 Tower G9	-	All	All	All
Operating System	Hp	Z2 Tower G9 Firmware	All	All	All	All
Hardware	Hp	Zbook 14u G5	-	All	All	All
Operating System	Hp	Zbook 14u G5 Firmware	All	All	All	All
Hardware	Hp	Zbook 14u G6	-	All	All	All
Operating System	Hp	Zbook 14u G6 Firmware	All	All	All	All
Hardware	Hp	Zbook 15u G5	-	All	All	All
Operating System	Hp	Zbook 15u G5 Firmware	All	All	All	All
Hardware	Hp	Zbook 15u G6	-	All	All	All
Operating System	Hp	Zbook 15u G6 Firmware	All	All	All	All
Hardware	Hp	Zbook 15 G4	-	All	All	All
Operating System	Hp	Zbook 15 G4 Firmware	All	All	All	All
Hardware	Hp	Zbook 15 G5	-	All	All	All
Operating System	Hp	Zbook 15 G5 Firmware	All	All	All	All
Hardware	Hp	Zbook 15 G6	-	All	All	All
Operating System	Hp	Zbook 15 G6 Firmware	All	All	All	All

Operating System	Hp	Zbook 17 G4 Firmware	-	All	All	All
Hardware	Hp	Zbook 17 G4	-	All	All	All
Operating System	Hp	Zbook 17 G4 Firmware	All	All	All	All
Hardware	Hp	Zbook 17 G5	-	All	All	All
Operating System	Hp	Zbook 17 G5 Firmware	All	All	All	All
Hardware	Hp	Zbook 17 G6	-	All	All	All
Operating System	Hp	Zbook 17 G6 Firmware	All	All	All	All
Hardware	Hp	Zbook Create G7	-	All	All	All
Operating System	Hp	Zbook Create G7 Firmware	All	All	All	All
Hardware	Hp	Zbook Firefly 14 G7	-	All	All	All
Operating System	Hp	Zbook Firefly 14 G7 Firmware	All	All	All	All
Hardware	Hp	Zbook Firefly 15 G7	-	All	All	All
Operating System	Hp	Zbook Firefly 15 G7 Firmware	All	All	All	All
Hardware	Hp	Zbook Firefly G8	-	All	All	All
Operating System	Hp	Zbook Firefly G8 Firmware	All	All	All	All
Hardware	Hp	Zbook Firefly G9	-	All	All	All
Operating System	Hp	Zbook Firefly G9 Firmware	All	All	All	All
Hardware	Hp	Zbook Fury 15 G7	-	All	All	All
Operating System	Hp	Zbook Fury 15 G7 Firmware	All	All	All	All
Hardware	Hp	Zbook Fury 16 G9	-	All	All	All
Operating System	Hp	Zbook Fury 16 G9 Firmware	All	All	All	All
Hardware	Hp	Zbook Fury 17 G7	-	All	All	All
Operating System	Hp	Zbook Fury 17 G7 Firmware	All	All	All	All
Hardware	Hp	Zbook Fury G8	-	All	All	All
Operating System	Hp	Zbook Fury G8 Firmware	All	All	All	All
Hardware	Hp	Zbook Power G7	-	All	All	All
Operating System	Hp	Zbook Power G7 Firmware	All	All	All	All
Hardware	Hp	Zbook Power G8	-	All	All	All
Operating System	Hp	Zbook Power G8 Firmware	All	All	All	All
Hardware	Hp	Zbook Power G9	-	All	All	All
Operating System	Hp	Zbook Power G9 Firmware	All	All	All	All
Hardware	Hp	Zbook Studio G4	-	All	All	All
Operating System	Hp	Zbook Studio G4 Firmware	All	All	All	All
Hardware	Hp	Zbook Studio G5	-	All	All	All
Operating System	Hp	Zbook Studio G5 Firmware	All	All	All	All
Hardware	Hp	Zbook Studio G7	-	All	All	All

Operating System	Hp	Zbook Studio G7 Firmware	All	All	All	All
Hardware	Hp	Zbook Studio G8	-	All	All	All
Operating System	Hp	Zbook Studio G8 Firmware	All	All	All	All
Hardware	Hp	Zbook Studio G9	-	All	All	All
Operating System	Hp	Zbook Studio G9 Firmware	All	All	All	All
Hardware	Hp	Zbook Studio X360 G5	-	All	All	All
Operating System	Hp	Zbook Studio X360 G5 Firmware	All	All	All	All
Hardware	Hp	Zbook X2 G4	-	All	All	All
Operating System	Hp	Zbook X2 G4 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro 13 G2	-	All	All	All
Operating System	Hp	Zhan 66 Pro 13 G2 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro 14 G2	-	All	All	All
Operating System	Hp	Zhan 66 Pro 14 G2 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro 14 G3	-	All	All	All
Operating System	Hp	Zhan 66 Pro 14 G3 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro 14 G4	-	All	All	All
Operating System	Hp	Zhan 66 Pro 14 G4 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro 15 G2	-	All	All	All
Operating System	Hp	Zhan 66 Pro 15 G2 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro 15 G3	-	All	All	All
Operating System	Hp	Zhan 66 Pro 15 G3 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro A 14 G3	-	All	All	All
Operating System	Hp	Zhan 66 Pro A 14 G3 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro A 14 G4	-	All	All	All
Operating System	Hp	Zhan 66 Pro A 14 G4 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro A 14 G5	-	All	All	All
Operating System	Hp	Zhan 66 Pro A 14 G5 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro G1	-	All	All	All
Operating System	Hp	Zhan 66 Pro G1 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro G3	-	All	All	All
Operating System	Hp	Zhan 66 Pro G3 Firmware	All	All	All	All
Hardware	Hp	Zhan 66 Pro G5	-	All	All	All
Operating System	Hp	Zhan 66 Pro G5 Firmware	All	All	All	All
Hardware	Hp	Zhan X 13 G2	-	All	All	All
Operating System	Hp	Zhan X 13 G2 Firmware	All	All	All	All

References

Reference	Source	Link
HP PC BIOS August 2022 Security Updates for Potential SMM and TOCTOU Vulnerabilities HP® Customer Support	MISC	support.
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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