



# Hewlett Packard Enterprise Support Center Enterprise

## 驱动程序和软件

### \*\* CRITICAL \*\* HP Broadcom Online Firmware Upgrade Utility for Windows Server 2008 x64 Editions

类型: 固件 (Firmware) 更新 - 网卡  
 版本: 3.1.1.22(12 四月 2013)  
 操作系统: Microsoft Windows Server 2008 Essential Business  
 Microsoft Windows Server 2008 R2  
 Microsoft Windows Server 2008 Small Business  
 Microsoft Windows Server 2008 x64

## 说明

This component contains utilities for the online upgrade of Broadcom Gigabit Ethernet NIC boot, PXE, UMP and iSCSI code running under Microsoft Windows Server 2008 x64 Editions, Windows Server 2008 R2 and Windows Server 2012.

## 安装说明

### Prerequisites:

This package requires the appropriate driver for your NIC be installed before firmware can be updated. Available drivers are:

- HP Broadcom 1Gb Driver for Windows Server 2008 x64 Editions
- HP Broadcom 1Gb Multifunction Driver for Windows Server 2008 x64 Editions
- HP Broadcom 10GbE Multifunction Driver for Windows Server 2008 x64 Editions

To ensure the integrity of your download, HPE recommends verifying your results with this SHA-256 Checksum value:

a1e83a258a19eec2f62013070939e8708cfb038e882233ef1a4fa6083f5f9336 cp020092.exe

### Reboot Requirement:

Reboot may be required after installation for updates to take effect and hardware stability to be maintained.

### Installation:

Download the Smart Component to a directory on your hard drive and change to that directory. The downloaded file is a self-extracting executable with a filename based on the Smart Component Number.

From that drive and directory, execute the downloaded file.

Click the "Install" button to proceed with the installation.

Network connectivity may stop during the upgrade process and may need to be restarted after completion.

## 版本说明

### End User License Agreements:

[Hewlett-Packard End User License Agreement](#)

### Upgrade Requirement:

**Critical** - HPE requires users update to this version immediately.

### Notes:

This software package contains the following firmware versions:

| NIC   | Boot Code Version | PXE Version | CLP Version | iSCSI Version | IPMI Version | UMP Version | NCSI Version |
|---|-------------------|-------------|-------------|---------------|--------------|-------------|--------------|
| HP NC105i PCIe Gigabit Server Adapter   | 3.09              | n/a         | n/a         | n/a           | 8.02         | n/a         | n/a          |
| HP NC107i PCIe Gigabit Server Adapter   | 3.35              | n/a         | n/a         | n/a           | 8.07         | n/a         | n/a          |
| HP NC150T PCI 4-port Gigabit Combo Switch and Adapter   | 3.18              | n/a         | n/a         | n/a           | n/a          | n/a         | n/a          |
| HP NC320i PCIe Gigabit Server Adapter   | 3.58              | n/a         | n/a         | n/a           | 6.21         | n/a         | n/a          |
| HP NC320m PCIe Adapter  | 3.58              | n/a         | n/a         | n/a           | n/a          | n/a         | n/a          |
| HP NC324i PCIe Dual Port Gigabit Server Adapter   | 3.25              | n/a         | n/a         | n/a           | n/a          | 1.15        | n/a          |
| HP NC325m PCIe Quad Port Gigabit Server Adapter<br>HP NC326m PCIe Dual Port Adapter                                 | 3.28              | n/a         | 1.3.6       | n/a           | n/a          | n/a         | n/a          |
| HP NC326i PCIe Dual Port Gigabit Server Adapter   | 3.28              | n/a         | n/a         | n/a           | n/a          | n/a         | n/a          |
| HP NC326i PCIe Dual Port Gigabit Server Adapter   | 3.29              | n/a         | n/a         | n/a           | n/a          | 1.23        | n/a          |
| HP Ethernet 1Gb 2-port 330i Adapter   | 1.57              | 15.4.2      | n/a         | n/a           | n/a          | n/a         | 1.1.15       |
| HP Ethernet 1Gb 4-port 331FLR Adapter<br>HP Ethernet 1Gb 4-port 331i Adapter<br>HP Ethernet 1Gb 4-port 331T Adapter | 1.33              | 15.4.2      | n/a         | n/a           | n/a          | n/a         | 1.1.15       |
| HP Ethernet 1Gb 4-port 331i-SPI Adapter   | 1.33              | 7.2.53      | n/a         | n/a           | n/a          | n/a         | 1.1.15       |
| HP Ethernet 1Gb 2-port 332i Adapter   | 1.31              | 15.4.2      | n/a         | n/a           | n/a          | n/a         | 1.1.15       |
| HP Ethernet 1Gb 2-port 332T Adapter   | 1.31              | 15.4.2      | n/a         | n/a           | n/a          | n/a         | 1.1.15       |

|  |        |        |       |        |     |       |        |
|--|--------|--------|-------|--------|-----|-------|--------|
| HP NC370i Multifunction Gigabit Server Adapter   | 1.9.6  | n/a    | 1.3.6 | n/a    | n/a | n/a   | n/a    |
| HP NC373F PCIe Multifunction Gigabit Server Adapter<br>HP NC373T PCIe Multifunction Gigabit Server Adapter<br>HP NC380T PCIe DP Multifunction Gigabit Server Adapter   | 1.9.6  | 2.8.5  | n/a   | n/a    | n/a | n/a   | n/a    |
| HP NC371i Multifunction Gigabit Server Adapter<br>HP NC373i Multifunction Gigabit Server Adapter (164C)  | 1.9.6  | n/a    | n/a   | n/a    | n/a | 1.1.8 | n/a    |
| HP NC373i Multifunction Gigabit Server Adapter (16AC)<br>HP NC373m Multifunction Gigabit Server Adapter  | 4.4.1  | n/a    | 1.3.6 | n/a    | n/a | n/a   | n/a    |
| HP NC374m PCIe Multifunction Adapter   | 1.9.6  | n/a    | n/a   | n/a    | n/a | n/a   | n/a    |
| HP NC382i DP Multifunction Gigabit Server Adapter (1639)   | 5.2.3  | n/a    | n/a   | 7.4.2  | n/a | n/a   | 2.0.12 |
| HP NC382i DP Multifunction Gigabit Server Adapter (163A)   | 5.2.3  | n/a    | n/a   | 3.0.6  | n/a | n/a   | 2.0.6  |
| HP NC382m DP 1GbE Multifunction BL-c Adapter   | 5.2.3  | 4.6.10 | n/a   | 3.1.7  | n/a | n/a   | n/a    |
| HP NC382T PCIe DP Multifunction Gigabit Server Adapter   | 5.2.3  | 5.2.4  | n/a   | 4.2.10 | n/a | n/a   | n/a    |
| HP NC532m Dual Port 10GbE Multifunction BL-c Adapter   | 6.2.25 | 7.0.53 | n/a   | 7.4.2  | n/a | n/a   | n/a    |
| HP NC532i Dual Port 10GbE Multifunction BL-c Adapter (7058)  | 6.2.25 | n/a    | n/a   | 4.2.10 | n/a | n/a   | n/a    |
| HP NC532i Dual Port 10GbE Multifunction BL-c Adapter (3654)  | 6.2.25 | n/a    | n/a   | 3.1.5  | n/a | n/a   | n/a    |
| HP Flex-10 10Gb 2-port 530FLB Adapter<br>HP Ethernet 10Gb 2-port 530FLR-SFP+ Adapter<br>HP Flex-10 10Gb 2-port 530M Adapter<br>HP Ethernet 10Gb 2-port 530SFP+ Adapter<br>HP Ethernet 10Gb 2-port 530T Adapter | 7.4.22 | 7.4.15 | n/a   | n/a    | n/a | n/a   | n/a    |

## 解决问题

### Upgrade Requirement:

**Critical** - HPE requires users update to this version immediately.

This component contains updated firmware for the following adapters:

- HP Ethernet 1Gb 2-port 330i Adapter
- HP Ethernet 1Gb 4-port 331FLR Adapter
- HP Ethernet 1Gb 4-port 331i Adapter
- HP Ethernet 1Gb 4-port 331i-SPI Adapter
- HP Ethernet 1Gb 4-port 331T Adapter
- HP Ethernet 1Gb 2-port 332i Adapter
- HP Ethernet 1Gb 2-port 332T Adapter

This firmware corrects a potential NMI which can occur under heavy network stress.

This component contains an updated Managed Boot Agent (MBA) for the HP NC532m Dual Port 10GbE Multifunction BL-c Adapter which addresses an issue where the Media Access Control (MAC) address for port 1 incorrectly shows all zeroes.

## 修订版历史记录

版本: 5.1.3.0 (26 Jun 2018)  
 版本: 5.1.2.2 (5 Feb 2018)  
 版本: 5.1.1.0 (25 Sep 2017)  
 版本: 5.1.0.4 (12 Jul 2017)  
 版本: 5.0.0.24 (24 Oct 2016)  
 版本: 5.0.0.22 (26 Sep 2016)  
 版本: 5.0.0.7 (1 Apr 2016)  
 版本: 5.0.0.1 (B) (1 Oct 2015)  
 版本: 5.0.0.1 (1 Oct 2015)  
 版本: 4.0.1.17 (15 Jun 2015)  
 版本: 4.0.1.13 (30 Mar 2015)  
 版本: 2.1.5.9 (D) (17 Oct 2014)  
 版本: 4.0.1.11 (9 Sep 2014)  
 版本: 4.0.1.12 (9 Sep 2014)  
 版本: 4.0.0.32 (2 May 2014)  
 版本: 4.0.0.32(B) (26 Apr 2014)  
 版本: 4.0.0.22 (10 Sep 2013)  
 版本: 4.0.0.22 (B) (10 Sep 2013)  
 版本: 3.1.1.22 (12 Apr 2013)  
 版本: 3.1.1.21 (19 Feb 2013)  
 版本: 3.1.0.16 (26 Oct 2012)  
 版本: 3.1.0.10 (4 Sep 2012)  
 版本: 3.1.0.5 (4 Jun 2012)  
 版本: 3.0.1.6 (27 Mar 2012)  
 版本: 2.1.5.9 (B) (6 Oct 2010)

### 修复

This tool now loads/unloads the bnx2x driver, which fixes an upgrade issue.

### 增强功能

This component contains updated bootcode for the NC382i/T/m.

This component includes new management firmware the NC326i.

This tool can now downgrade the firmware in silent mode when the "force" switch is used.

**版本: 2.1.5.7** (8 Feb 2010)

**修复**

**Upgrade Requirement:**

**Recommended** - HPE recommends users update to this version at their earliest convenience.

**更新要求:**

建议: 惠普建议用户今早更新至此固件版本。

**修复的问题:**

- 该组件包含适用于 NC382i 的已更新 NCSI 固件, 用以解决在结合最新 OEM 路由器一起运行时 VLAN 标记数据包被丢弃的问题。该组件还包含适用于 NC382i、NC382m 和 NC382T 的已更新引导代码。新的 NCSI 代码需要此引导代码。
- 该组件包含适用于 NC532m 和 NC532i 的已更新引导代码。该固件将解决某些 NC532 设备不能正确进行枚举的问题。

**版本: 2.1.5.5** (10 Nov 2009)

**修复**

This component contains updated IPMI firmware for the NC107i network adapter to resolve OS installation issues using PXE.

This component contains updated firmware that resolves an issue on the NC532m where PXE boot would fail when connected to certain switches using the priority field in the VLAN ID.

**版本: 2.1.5.1** (19 Aug 2009)

**修复**

This component contains updated bootcode for the NC382T network adapter to resolve a boot issue on some servers.

**增强功能**

Enhanced component-level logging has been implemented in the smart component installer. The generated log file will be located on the target system in %SYSTEMROOT%\cpqsystem\log directory under the name CPQSETUP.LOG.

**版本: 2.1.4.8** (28 May 2009)

**修复**

This component contains updated firmware images for the NC325m, NC326m and NC373m network adapters. The updated firmware images resolve an issue with enabling PXE.

**版本: 2.1.4.5** (27 Mar 2009)

**增强功能**

This software now supports firmware updates for the following network adapters:

- HP NC105i Integrated PCI Express Gigabit Server Adapter
- HP NC107i Integrated PCI Express Gigabit Server Adapter
- HP NC382i Integrated Dual Port Multifunction Gigabit Server Adapter
- HP NC382m Dual Port 1GbE Multifunction BL-c Adapter
- HP NC382T PCI Express Dual Port Gigabit Server Adapter
- HP NC532i Dual Port 10GbE Multifunction BL-c Adapter
- HP NC532m Dual Port 10GbE Multifunction BL-c Adapter

**版本: 2.1.3.1 (B)** (4 Feb 2009)

**增强功能**

This component now supports the detection of TPM - Trusted Platform Module - prior to firmware installation.

**版本: 2.1.3.1** (7 Oct 2008)

**增强功能**

This software now enables 2.5Gb support on c-class LOMs and mezzanine network adapters.

**版本: 2.1.2.0** (29 Apr 2008)

**版本: 2.1.0.8** (3 Oct 2007)

**版本: 2.1.0.7** (31 Aug 2007)

**版本: 2.1.0.6** (13 Jul 2007)

**版本: 2.1.0.5(B)** (23 May 2007)

**版本: 2.1.0.5** (26 Mar 2007)

**版本: 2.0.0.10** (12 Dec 2006)

**版本: 2.0.0.7** (3 Nov 2006)

**版本: 2.0.0.5** (19 Sep 2006)

**版本: 2.0.0.0** (19 Dec 2005)

**增强功能**

Initial release.