

Interactive BIOS simulator

HP EliteBook 840 Aero G8 Notebook PC

Welcome to the interactive BIOS simulator for the
HP EliteBook 840 Aero G8 Notebook PC

Here's how to use it...

[BIOS Utility Menus](#): (Click the link to navigate to the individual menus)

On this page you will find thumbnail images of each of the product's BIOS utility menus. To view a specific menu in greater detail, simply click that thumbnail. Just as in the live BIOS, on each menu, you can select the tab of each of the other utility menus to navigate directly to that menu.

Menu options:

While the menu options cannot be toggled, many of them offer item specific information about that option. To view this information, use the cursor to rollover the option and the information will present in a pane on the right of the BIOS screen.

That's it!

On every page there is a link that brings you back to either this [Welcome](#) page or the [BIOS Utility Menus](#) page enabling you to navigate to whatever BIOS option you wish to review.

BIOS Utility Menus

Back to Welcome Page



Main



Security



Advanced



UEFI Drivers

Main Menu

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Main | Security | Advanced | UEFI Drivers

hp

HP computer setup

Item Specific Help

Help

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Security Menu

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Main | Security | Advanced | UEFI Drivers



HP computer setup

Administrator Tools

Security Configuration

- Trusted Execution Technology (TXT)
TXT cannot be enabled unless VTx, VTd and TPM are enabled first.

Utilities

Activation Status: Inactive
Absolute[®] Persistence Module Permanent Disable: No

Item Specific Help

Help

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Advanced Menu

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Main | Security | **Advanced** | UEFI Drivers



HP computer setup

Item Specific Help

Remote HP PC Hardware Diagnostics

Help

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UEFI Drivers

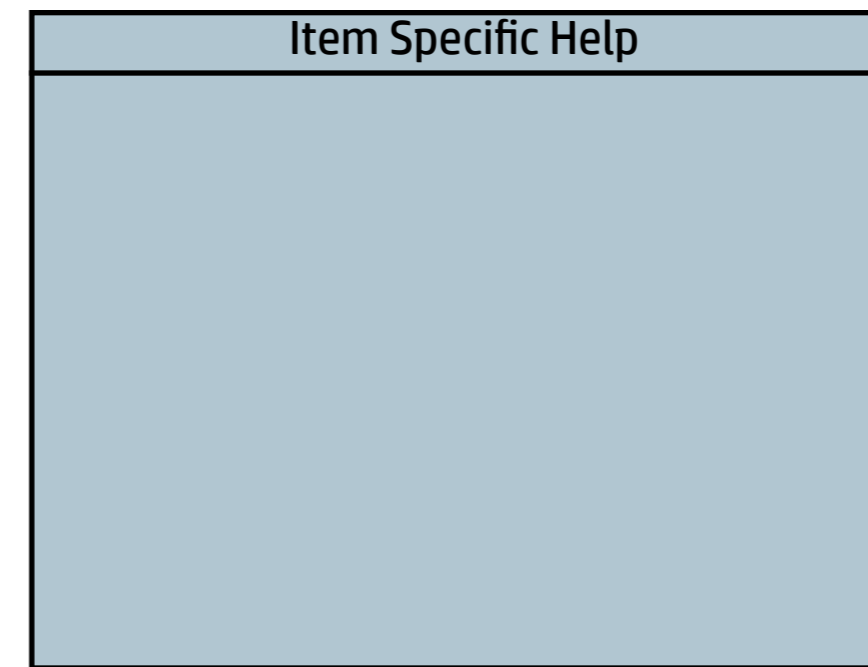
Back to BIOS Utility Menus

Main | Security | Advanced | **UEFI Drivers**



HP computer setup

This will restart the system into the 3rd Party Option ROM Management application.
You can get to this application directly by pressing F3 during startup.




Help

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System Information

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Main | Security | Advanced | UEFI Drivers



HP computer setup

BASIC SYSTEM INFORMATION

Product Name	HP EliteBook 840 Aero G8 Notebook PC
Processor 1	11th Gen Intel(R) Core(TM) i7-1185G7 @ 3.00GHz
Memory Size	16384 MB
System BIOS	T76 Ver. 80.30.02 09/12/2020

SERVICE -----

Born On Date	03/04/2021
Serial Number	00007602Q4
SKU Number	123456#ABA
Universally Unique Identifier (UUID)	96CE63B6D3856045B27C1E00916FB2B2
UUID (standard format)	B663CE96-85D3-4560-B27C-1E00916FB282
Asset Tracking Number	00007602Q4

Press Escape to Return


Item Specific Help

Help

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System Information

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HP computer setup

Main | Security | Advanced | UEFI Drivers

ADVANCED SYSTEM INFORMATION

Product Name	HP EliteBook 840 Aero G8 Notebook PC
Memory Size	16384 MB
Storage Devices	SAMSUNG MZVLB256HBHQ-000H1-S4GNNFON 353344 (256 GB)

PROCESSOR1 -----

Processor Type	11th Gen Intel(R) Core(TM) i7-1185G7 @ 3.00GHz
Cache Size (L1/L2/L3)	320 KB / 5 MB / 12 MB
Processor Speed	4300 MHz
Processor Cores	4
MicroCode Revision	58
Processor Stepping	1
Memory Speed	3200 MHz
Bottom-Slot 1(left)	8 GB Samsung
Bottom-Slot 2(right)	8 GB Hynix/Hyundai


Item Specific Help

Help

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System Information

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Main | Security | Advanced | UEFI Drivers

HP computer setup

FIRMWARE-----

System BIOS	T76 Ver. 80.30.02 09/12/2020
ME Firmware Version	15.0.0.1345
ME Firmware Mode	Enable
Audio Controller	Realtek ALC3292
Video BIOS Version	Intel(R) GOP Driver [17.0.1044]
Reference Code Revision	A.0.2A.30
Embedded Controller Firmware Version	30.1F.00
USB Type-C Controller(s) Firmware Version:	CCG6 : 1.3.0
Camera Controller Firmware	Camera : 0009

Item Specific Help

^

v


Help

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System Information

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Main | Security | Advanced | UEFI Drivers



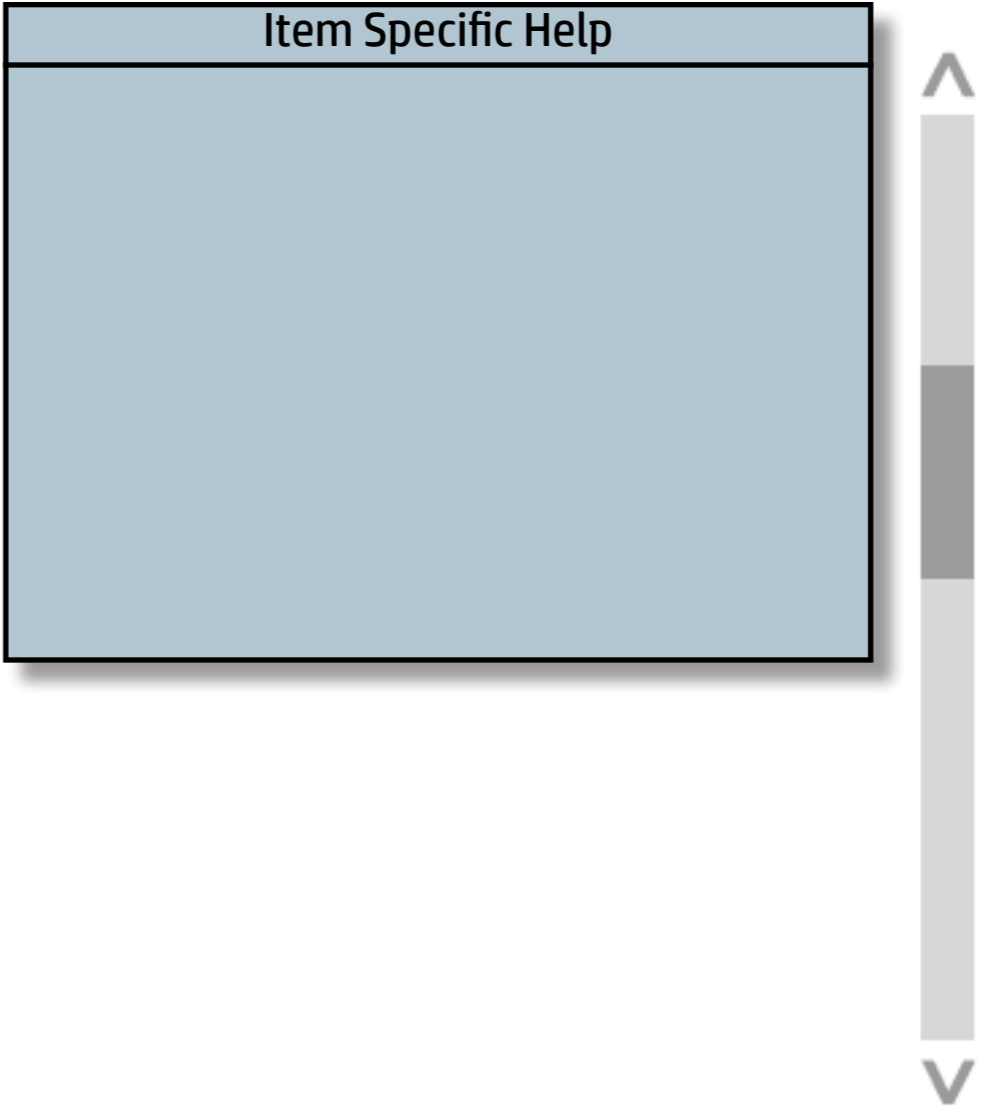
HP computer setup

SERVICE-----

Born On Date	03/04/2021
Serial Number	00007602Q4
SKU Number	1234567#ABA
Universally Unique Identifier (UUID)	96CE63B6D3856045B27C1E00916FB2B2
UUID (standard format)	B663CE96-85D3-4560-B27C-1E00916FB282
Asset Tracking Byte	00007602Q4
Feature Byte	3X476J6S6b7B7H7M7R7W7m7saBapaqauawb8 bUbhcAdUdpdqfPguhKhWhkjhk8mEemwng.4M
Build ID	21WWCVAT6bk#SABA#DABA
Product Family	103C_5336AN HP EliteBook
System Board ID	880D
System Board CT Number	PC3822EDF013D
Primary Battery Serial Number	30723 2020/08/20

Press Escape to Return

Item Specific Help

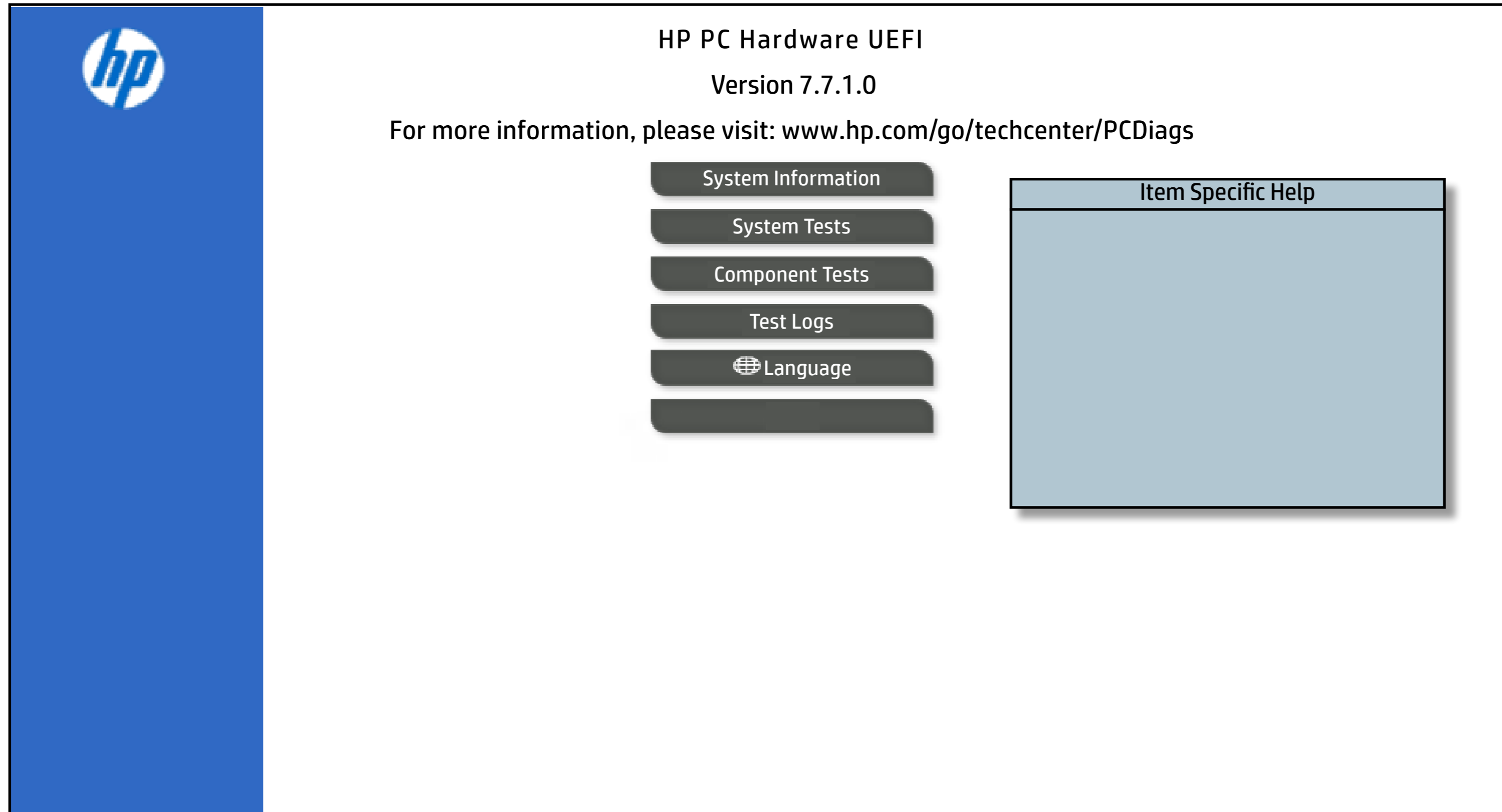


Help

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System Diagnostics

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The screenshot displays the HP PC Hardware UEFI System Diagnostics interface. On the left is a blue vertical bar with the HP logo. The main content area is white and contains the following elements:

- HP logo in the top left corner.
- Text: "HP PC Hardware UEFI" and "Version 7.7.1.0" centered at the top.
- Text: "For more information, please visit: www.hp.com/go/techcenter/PCDiags" centered below the version information.
- A vertical stack of six dark grey buttons with rounded corners:
 - System Information
 - System Tests
 - Component Tests
 - Test Logs
 - Language (with a globe icon)
 - An unlabeled button at the bottom.
- A light blue rectangular box on the right side with the text "Item Specific Help" at the top.

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BIOS Event Log

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The screenshot shows the BIOS Event Log screen within the HP computer setup utility. At the top, there is a navigation menu with the following items: **Main** | **Security** | **Advanced** | **UEFI Drivers**. The **Main** item is currently selected. In the top right corner, the HP logo is displayed above the text **HP computer setup**. The main content area is titled **BIOS EVENT LOG**. On the right side of this area, there is a large, light blue rectangular box with a dark blue header that reads **Item Specific Help**. In the bottom right corner of the screen, there is a small, grey button labeled **Help**.

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Update System BIOS

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[Main](#) | [Security](#) | [Advanced](#) | [UEFI Drivers](#)



HP computer setup

Update System BIOS

Current System BIOS Version:	T76 Ver. 80.30.02
Current BIOS Release Date:	09/12/2020
Installation Date of Current BIOS:	09/17/2020
Most Recent Update Check:	Never Checked

→ [Minimum BIOS version](#)

Item Specific Help


[Help](#)

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Change Date And Time

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HP computer setup

Change Date And Time

Set Date (MM/DD/YYYY):	03 / 04 /2021
Set Time (HH:MM):	06 : 46

Item Specific Help

[Help](#)

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System IDs

Back to BIOS Utility Menus

The screenshot displays the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | Security | Advanced | UEFI Drivers. The HP logo is positioned in the top right corner. Below the navigation bar, the text **HP computer setup** is visible. The main content area is titled **System IDs**. On the right side of this area, there is a large, light blue rectangular box with the text **Item Specific Help** at its top edge. In the bottom right corner of the screen, there is a small, grey button labeled **Help**.

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Replicated Setup

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hp

HP computer setup

Replicated Setup

Item Specific Help

Help

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Save Custom Defaults

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The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | Security | Advanced | UEFI Drivers. The **Main** item is currently selected. To the right of the navigation bar is the HP logo. Below the navigation bar, the text **HP computer setup** is displayed. The main content area contains the question: "Are you sure you want to save your current settings as custom defaults?". To the right of this question is a large, light blue rectangular area labeled "Item Specific Help". At the bottom right corner of the screen, there is a small grey button labeled "Help".

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Apply Custom Defaults and Exit

Back to BIOS Utility Menus

The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | Security | Advanced | UEFI Drivers. The **Main** item is currently selected. In the top right corner, the HP logo is displayed, and below it, the text "HP computer setup" is visible. The main content area contains a confirmation message: "Are you sure you want to restore defaults and exit?". To the right of this message is a large, light blue rectangular area labeled "Item Specific Help". At the bottom right of the screen, there is a small grey button labeled "Help".

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Apply Factory Defaults and Exit


Back to BIOS Utility Menus

The screenshot displays the HP BIOS Utility interface. At the top, a navigation bar includes the HP logo and menu items: **Main** | Security | Advanced | UEFI Drivers. Below the navigation bar, the text "HP computer setup" is visible. The main content area contains the question: "Are you sure you want to restore factory defaults and exit?". To the right of this question is a large, light blue rectangular area labeled "Item Specific Help". In the bottom right corner of the utility window, there is a "Help" button.

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Ignore Changes and Exit

Back to BIOS Utility Menus

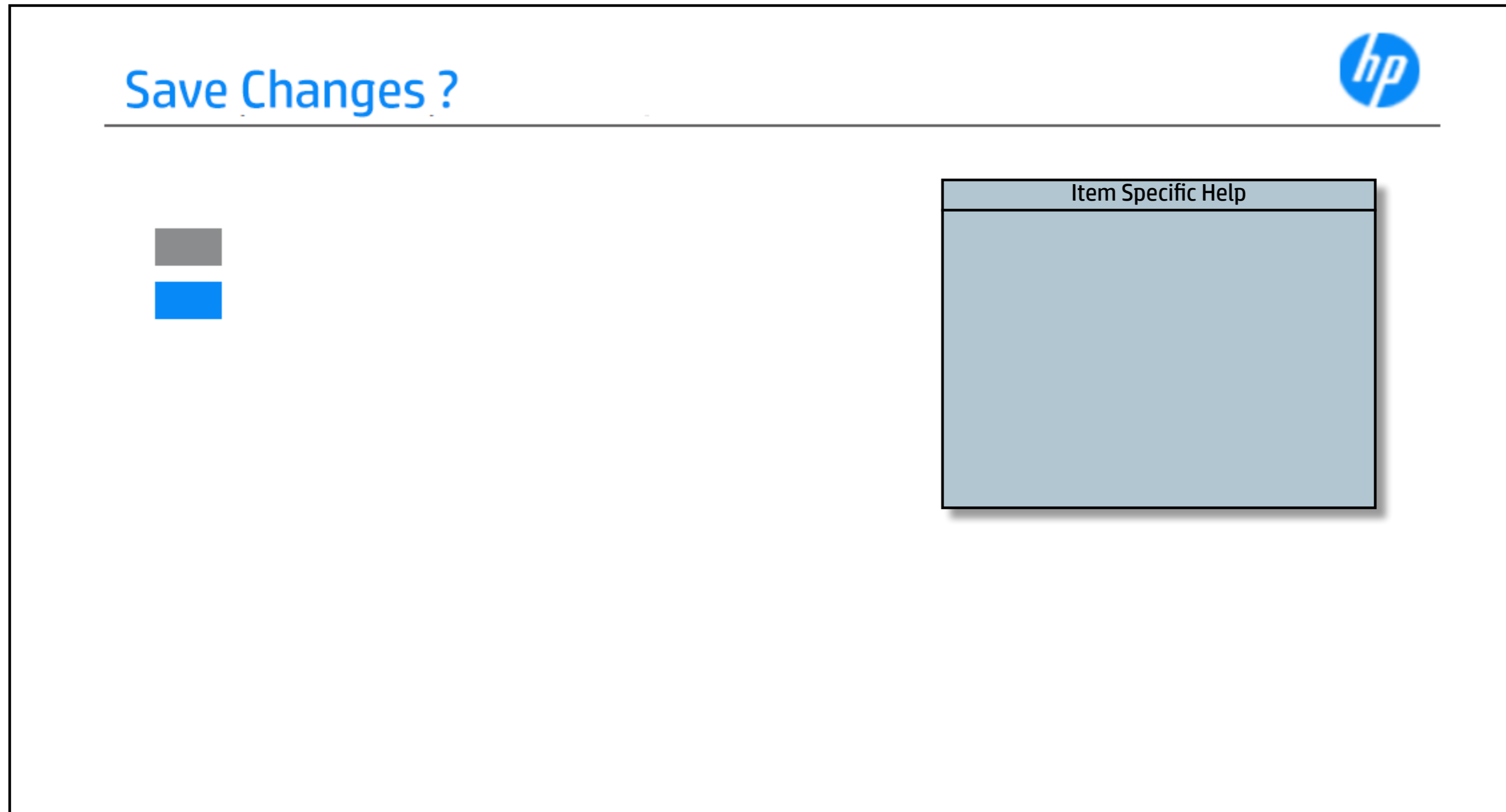


The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | Security | Advanced | UEFI Drivers. The **Main** item is currently selected. To the right of the navigation bar is the HP logo. Below the navigation bar, the text **HP computer setup** is displayed. The main content area contains the question: "Are you sure you want to ignore Changes and Exit?". On the right side of the screen, there is a help window titled "Item Specific Help" which is currently empty. At the bottom right corner, there is a button labeled "Help".

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Save Changes and Exit

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Create BIOS Administrator Password

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BIOS Administrator Password



Enter BIOS Administrator Password


[Item Specific Help](#)

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Create POST Power-On Password

[Back to BIOS Utility Menus](#)

POST Power-On Password



Enter POST Power-On Password

Item Specific Help

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TPM Embedded Security

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The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with 'Main | Security | Advanced | UEFI Drivers'. The 'Security' menu is active. In the top right corner, the HP logo and 'HP computer setup' are visible. The main content area displays 'TPM Embedded Security' and 'TPM Specific Version' set to '2.0'. A 'Help' button is located in the bottom right corner. A semi-transparent 'Item Specific Help' window is overlaid on the right side of the screen.


TPM Embedded Security	
TPM Specific Version	2.0

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BIOS Sure Start

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Main | **Security** | Advanced | UEFI Drivers

 **HP** computer setup

BIOS Sure Start

Sure Start Settings Protection
Requires BIOS Administrator credentials to be set

Sure Start Security Event Policy

Item Specific Help

Help

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Secure Boot Configuration

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The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | **Security** | **Advanced** | **UEFI Drivers**. The **Security** menu item is currently selected. In the top right corner, the HP logo is displayed above the text "HP computer setup".

The main content area is titled "Secure Boot Configuration". Below this title, there are two sub-items: "Secure Boot Configuration" and "Secure Boot Key Management".

Below the sub-items, there is a message: "Access to the above settings requires Sure Start Secure Boot \keys \protection to be disabled".

Below the message, there is another message: "Requires BIOS Administrator credentials to be configured and Secure Boot to be enabled".

On the right side of the screen, there is a large, light blue rectangular area with a dark blue header that says "Item Specific Help". This area is currently empty.


In the bottom right corner of the screen, there is a small button labeled "Help".

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Secure Platform Management (SPM)

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Main | **Security** | Advanced | UEFI Drivers



HP computer setup

Secure Platform Management (SPM)

SPM
SPM Current State: Not provisioned

HP Sure Run
HP Sure Run Current State: Inactive

HP Sure Admin
Enhanced BIOS Authentication Mode (EBAM)
EBAM Current State: Disabled

Local Access Key: Not Present

Item Specific Help

Help

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Smart Cover

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Main | Security | Advanced | UEFI Drivers

hp

HP computer setup

Smart Cover

Access to the above settings requires Cover Removal Sensor to be enabled.

Item Specific Help

Help

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Hard Drive Utilities

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HP computer setup

Hard Drive Utilities

Item Specific Help

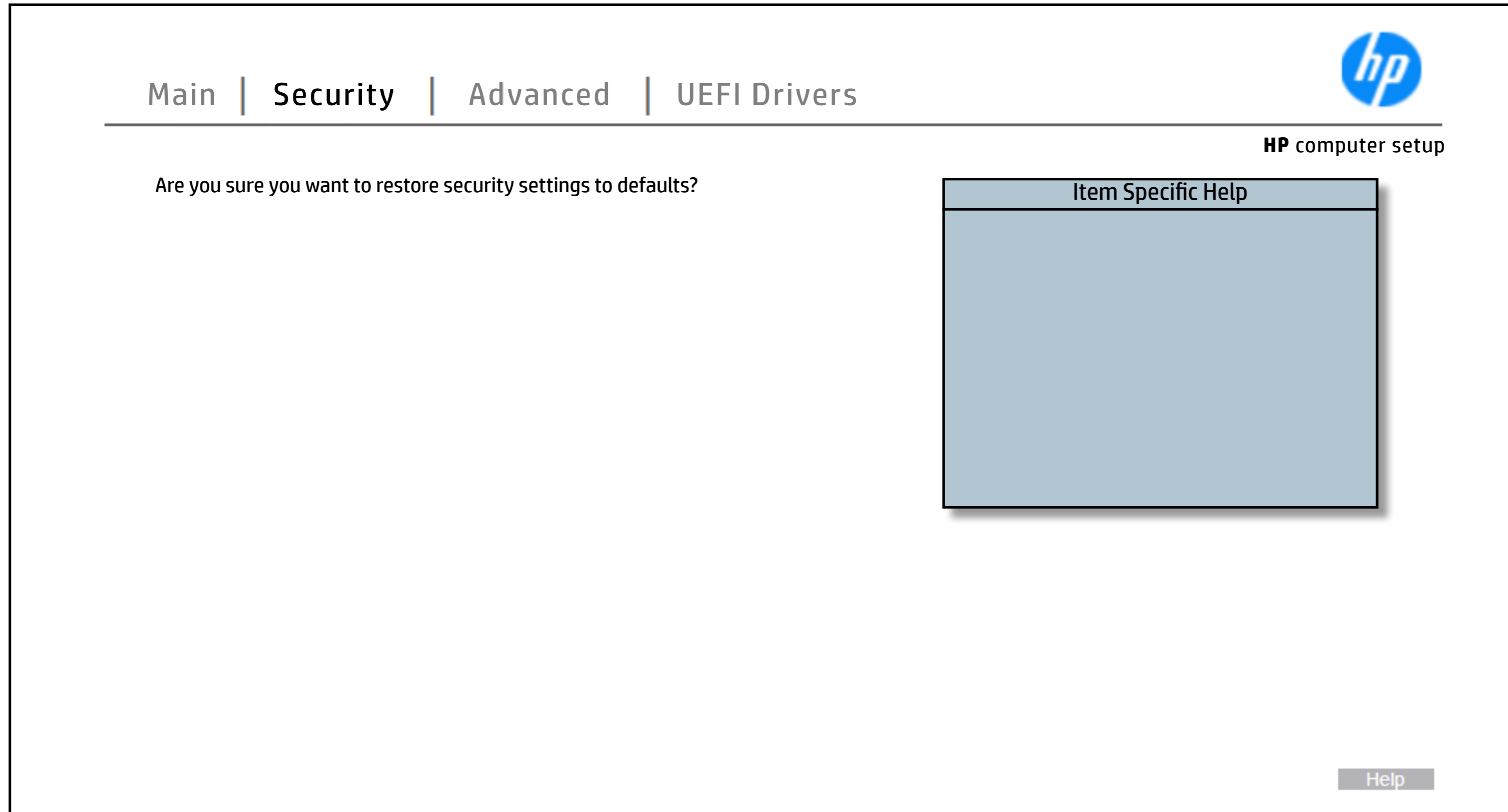
Disable DriveLock on NVMe drives before using applications for hardware-based encryption.

Help

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Restore Security Settings

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The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | **Security** | **Advanced** | **UEFI Drivers**. The **Security** menu item is highlighted. In the top right corner, there is the HP logo and the text **HP computer setup**. The main content area displays the question: "Are you sure you want to restore security settings to defaults?". To the right of this question is a large, light blue rectangular area labeled "Item Specific Help". At the bottom right corner of the screen, there is a button labeled "Help".

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Display Language

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Main | Security | **Advanced** | UEFI Drivers

HP computer setup

Display Language

Item Specific Help

Help

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Scheduled Power-On

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Main | Security | **Advanced** | UEFI Drivers

hp

HP computer setup

Scheduled Power-On

Item Specific Help

Help

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Boot Options

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The screenshot shows the HP BIOS Utility interface for the 'Boot Options' menu. At the top, there is a navigation bar with 'Main | Security | Advanced | UEFI Drivers' and the HP logo on the right. Below the navigation bar, the text 'HP computer setup' is visible. The main content area is titled 'Boot Options' and contains a section for 'UEFI Boot Order'. This section is separated from the rest of the page by a dashed horizontal line. Below the line, the boot order is listed as follows: 'M.2 SSD: Windows Boot Manager', 'USB:', 'Network Boot: IPV4', and 'Network Boot: IPV6'. On the right side of the screen, there is a large, light blue rectangular area labeled 'Item Specific Help'. In the bottom right corner, there is a 'Help' button.

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HP Sure Recover

Back to BIOS Utility Menus

Main | Security | **Advanced** | UEFI Drivers



HP computer setup

HP Sure Recover

Recovery Agent
URL: <http://ftp.hp.com/pub/pcbios/CPR>
Username:
Provisioning Version: 0
OS Recovery Agent Version: 0

Recovery Image
URL:
Username:
Provisioning Version: 0
OS Recovery Image Version:
OS Recovery Driver Version:
Embedded Storage for Recovery 32 GB

Item Specific Help

Help

Back to Welcome Page

System Options

Back to BIOS Utility Menus

The screenshot shows the HP BIOS System Options menu. At the top, there is a navigation bar with the following items: **Main** | **Security** | **Advanced** | **UEFI Drivers**. The **Advanced** option is currently selected. In the top right corner, the HP logo is displayed above the text **HP computer setup**. The main content area is titled **System Options**. On the right side of this area, there is a large, light blue rectangular box with a dark blue header that reads **Item Specific Help**. In the bottom right corner of the main content area, there is a small, light gray button labeled **Help**.

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Built-In Device Options

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HP computer setup

Built-In Device Options

HP LAN-Wireless Protection

Item Specific Help

Help

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Port Options

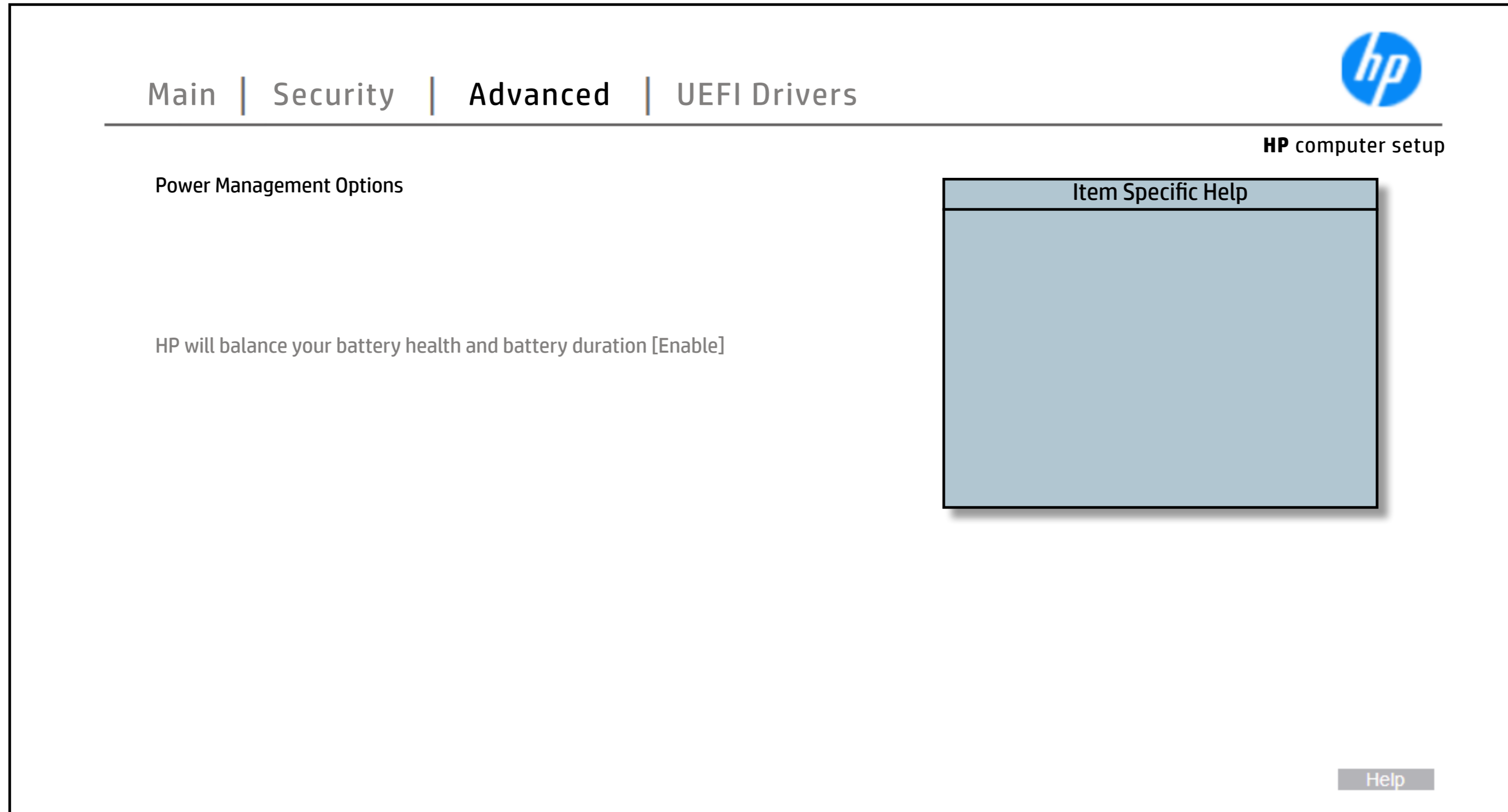
Back to BIOS Utility Menus

The screenshot displays the HP BIOS utility interface. At the top, there is a navigation bar with the following menu items: **Main** | **Security** | **Advanced** | **UEFI Drivers**. The **Advanced** menu item is currently selected. In the top right corner, the HP logo is displayed above the text **HP computer setup**. The main content area is titled **Port Options**. Under this title, there is a single configuration item: **Disable Charging Port in sleep/off if battery below (%)**, which is currently set to **10**. To the right of this item, there is a large, light blue rectangular area labeled **Item Specific Help**, which is currently empty. At the bottom right of the screen, there is a **Help** button.

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Power Management Options

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The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | **Security** | **Advanced** | **UEFI Drivers**. The **Advanced** menu item is currently selected. In the top right corner, the HP logo is displayed, and below it, the text **HP computer setup** is visible. The main content area is titled **Power Management Options**. Below this title, there is a description: **HP will balance your battery health and battery duration [Enable]**. To the right of this description is a large, light blue rectangular area labeled **Item Specific Help**, which is currently empty. In the bottom right corner of the screen, there is a **Help** button.

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Remote Management Options

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Main | Security | **Advanced** | UEFI Drivers

hp

HP computer setup

Remote Management Options

Item Specific Help

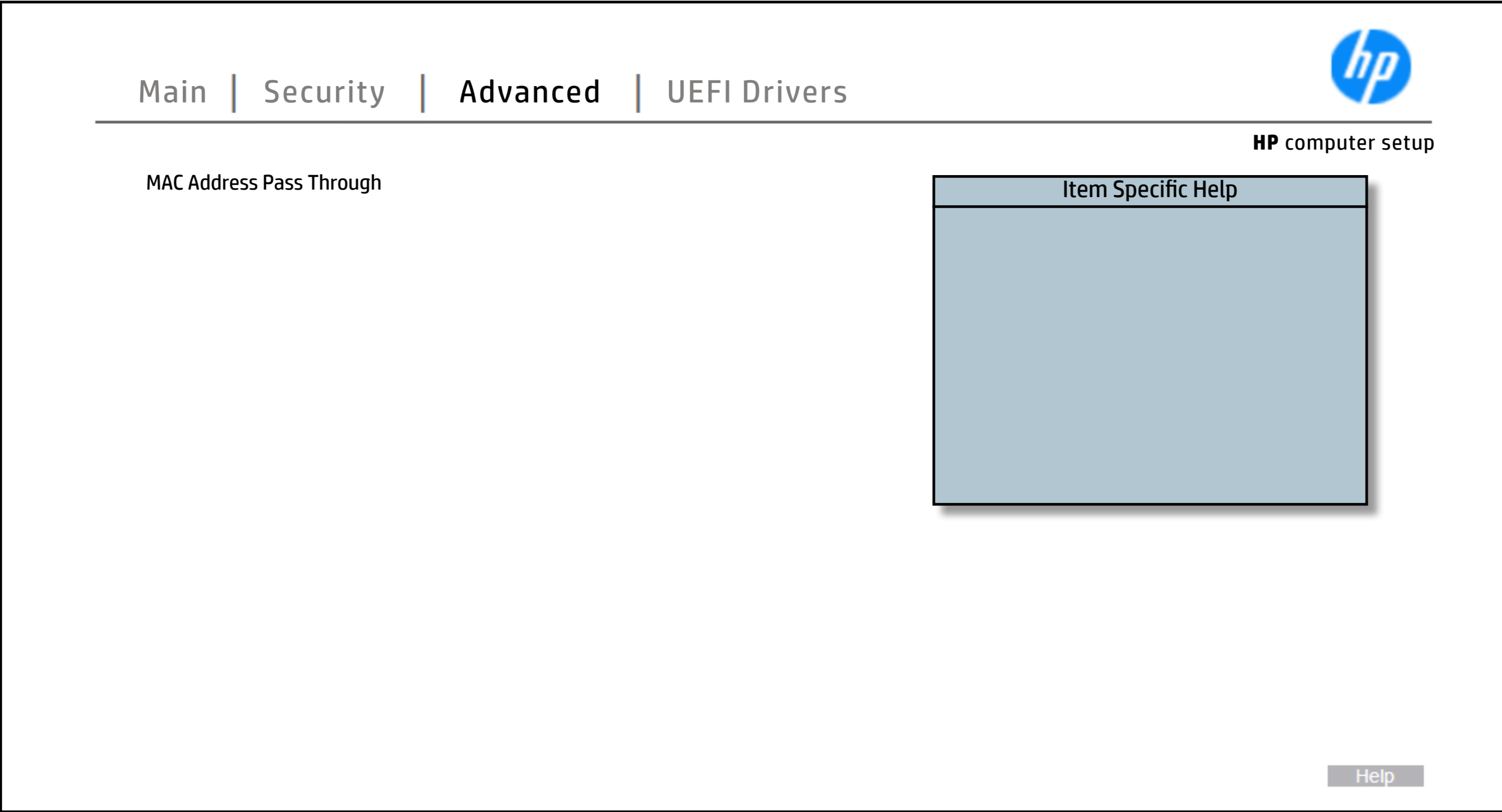
Press Escape to Return

Help

Back to Welcome Page

MAC Address Pass Through

Back to BIOS Utility Menus



The screenshot shows the HP BIOS Utility interface for the 'MAC Address Pass Through' setting. At the top, there is a navigation bar with 'Main | Security | Advanced | UEFI Drivers' and the HP logo. Below the navigation bar, the text 'MAC Address Pass Through' is displayed on the left. On the right, there is a large, empty rectangular area with a light blue background, labeled 'Item Specific Help' at the top. In the bottom right corner, there is a 'Help' button.

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Thunderbolt Options

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hp

HP computer setup

Thunderbolt Options

Item Specific Help

Help

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Remote HP PC Hardware Diagnostics

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The screenshot shows the HP BIOS Utility interface. At the top, there is a navigation bar with the following menu items: **Main** | **Security** | **Advanced** | **UEFI Drivers**. The **Advanced** menu item is currently selected. In the top right corner, the HP logo is displayed, and below it, the text **HP computer setup** is visible. The main content area is titled **Remote HP PC Hardware Diagnostics**. Below this title, there is a section labeled **Diagnostics Logs Upload URL**. On the right side of the main content area, there is a large, light blue rectangular box with a dark blue header that reads **Item Specific Help**. In the bottom right corner of the utility window, there is a **Help** button.

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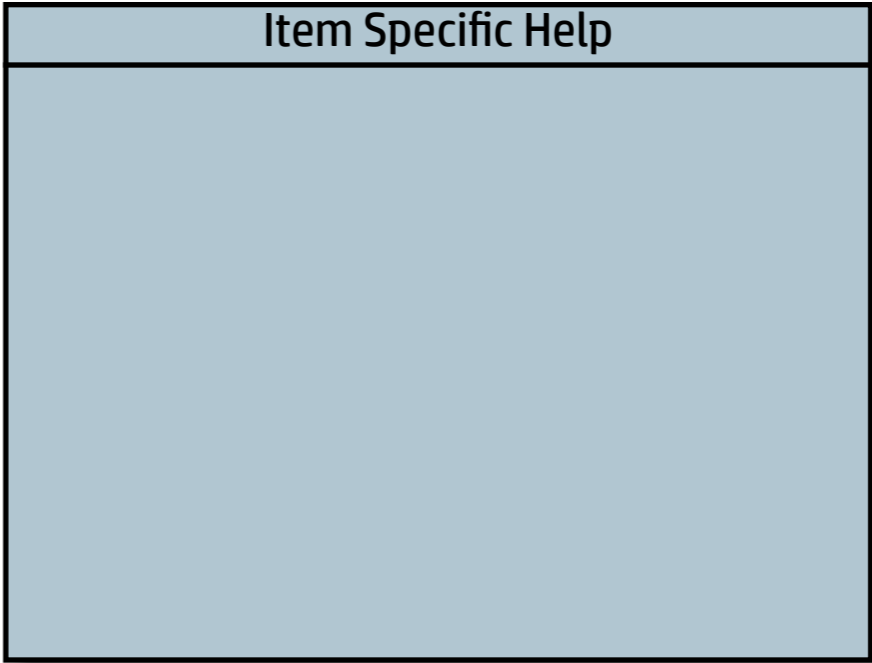

Remote HP PC Hardware Diagnostics Execution

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Remote HP PC Hardware Diagnostics Execution



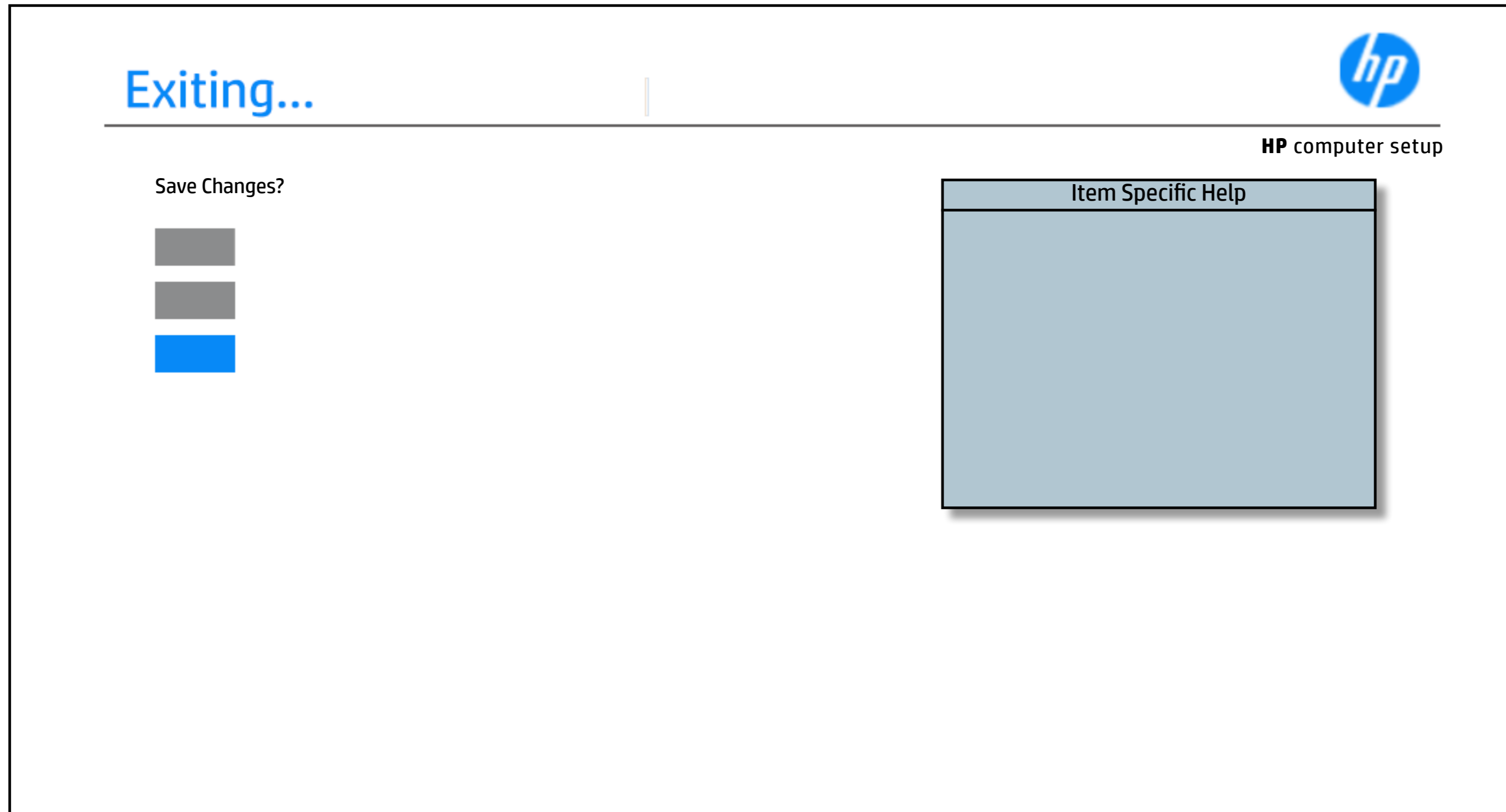
Status of last attempt to execute: Could not detect network link or network cable is unplugged.



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3rd Party Option ROM Management

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The screenshot shows the 'Exiting...' screen in the HP BIOS utility. At the top left, the word 'Exiting...' is displayed in blue. In the top right corner, there is the HP logo and the text 'HP computer setup'. Below the 'Exiting...' text, there is a 'Save Changes?' section with three horizontal bars: the top two are grey and the bottom one is blue. To the right of this section is a large, light blue rectangular area with a thin black border, titled 'Item Specific Help' at the top.

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