Interactive BIOS simulator

HP Pavilion Gaming Laptop 15-ec0xxx

Welcome to the interactive BIOS simulator for the HP Pavilion Gaming Laptop 15-ec0xxx

Here's how to use it...

<u>BIOS Utility Menus</u> (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

Main

Security

Configuration

Boot Options

Exit

Main Menu



Main

System Time System Date Product Name System Family Product Number System Board ID Born On Date Processor Type Total Memory BIOS Vendor

Serial Number UUID System Board CT Number Factory installed OS Primary Battery SN

2

1

Build ID Feature Byte [16:45:28] 08/13/2019 HP Pavilion Gaming Laptop 15 HP Pavilion G3HSKU2#ABA 86D4 00/00/0000 AMD Ryzen 5 3550H with Rad 8 GB AMI B.05

5CD9281LKX 39444335-3832-4C31-4B58 PG3H1DC8JCH010 Win10 41042 06/25/2019

19WW2D1T6ae#SABA#DABA 3K6b 7B7K 7WaB apaq asaw bCbh cbdU dXdp dqfP fdhZ .Na

	Item Specific Help
5-ec0xxx	1. Provides firmware revision information of devices built in the system.
	2. View System Log.
deon Vega Mobile Gfx	
8-80E82C2	
0 0020202	
۸	

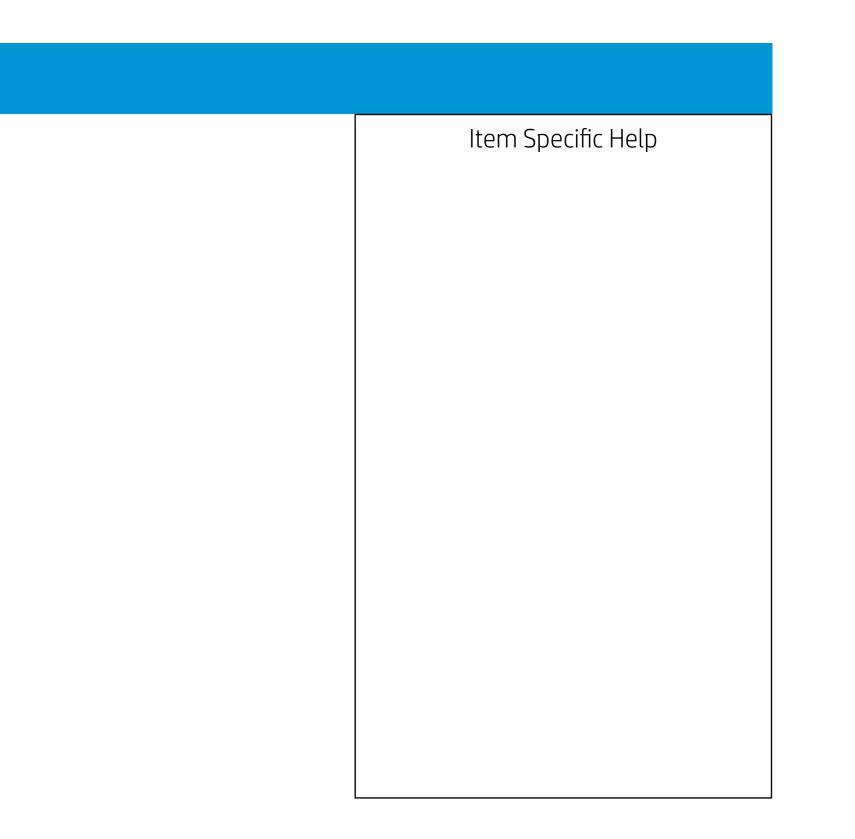
Main Menu



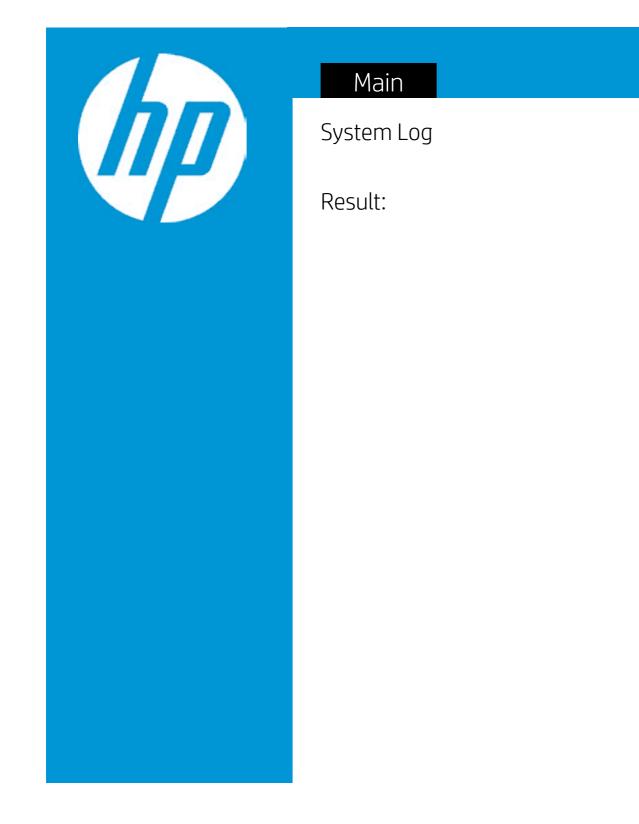
Main

Device Firmware Revision

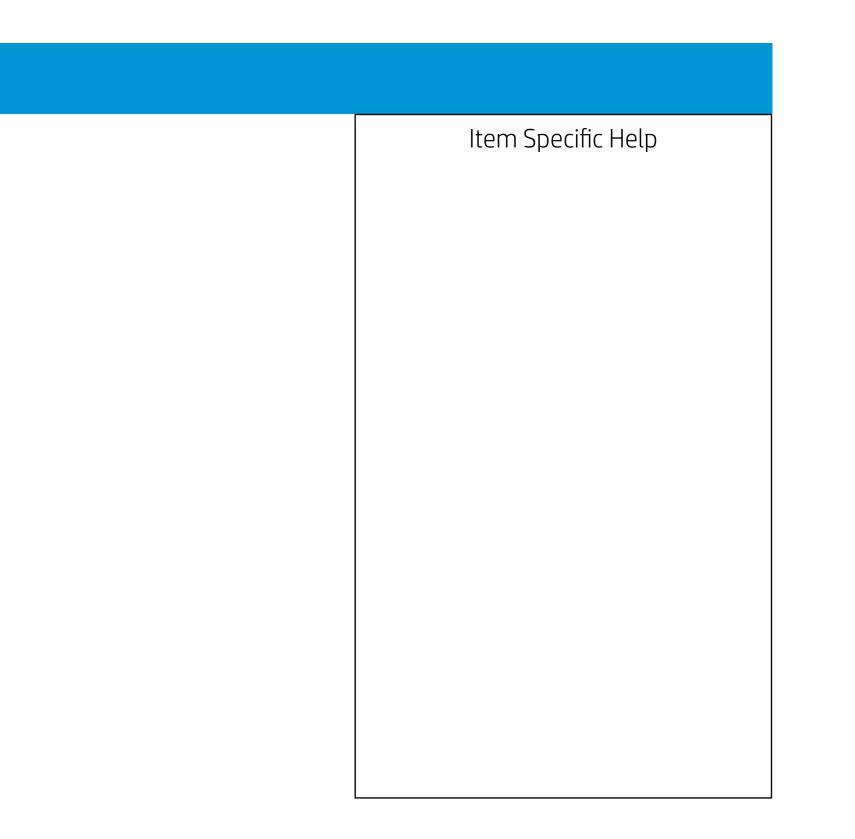
Embedded Controller GOP (Graphic Output Protocol) Video BIOS 96.09 2.5.0 nVidia 86.07.6C.00.28



Main Menu



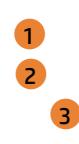
- Time:
- No Data -





Security

Administrator Password Power-On Password TPM Device



Item	Specif	fic⊦	lelp
ICCIII	Speen		reip

- 1. Administrator Password prevents unauthorized access to the Setup Utilities.
- 2. Power-On Password prevents unauthorized computer system start (boot).
- 3. If the item is set to HIdden, the TPM device is not visible to the operating system.
- 4. If the TPM device setting is set to Hidden, the BIOS hides this item. If the TPM Device setting changes from Hidden to Available, the BIOS makes this item visible immediately without a restart.

The TPM state setting is saved when the TPM Device setting changes to Hidden and is restored when it is changed back to Available.

The TPM State setting can change only if you confirm the request via the Physical Presence check prompted by the BIOS during the next startup.

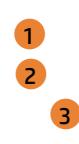
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The Clear TPM settings is also set to No without any action taken if you select No for the Physical Prsenece check.



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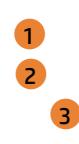
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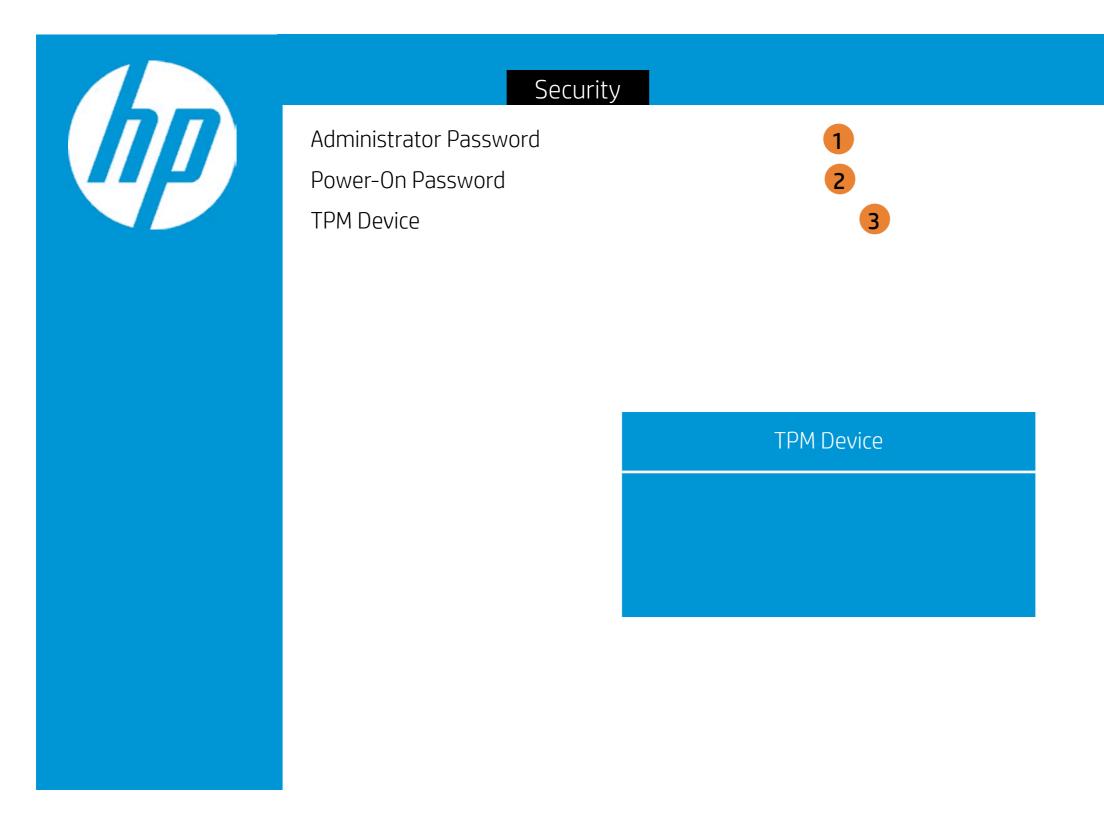
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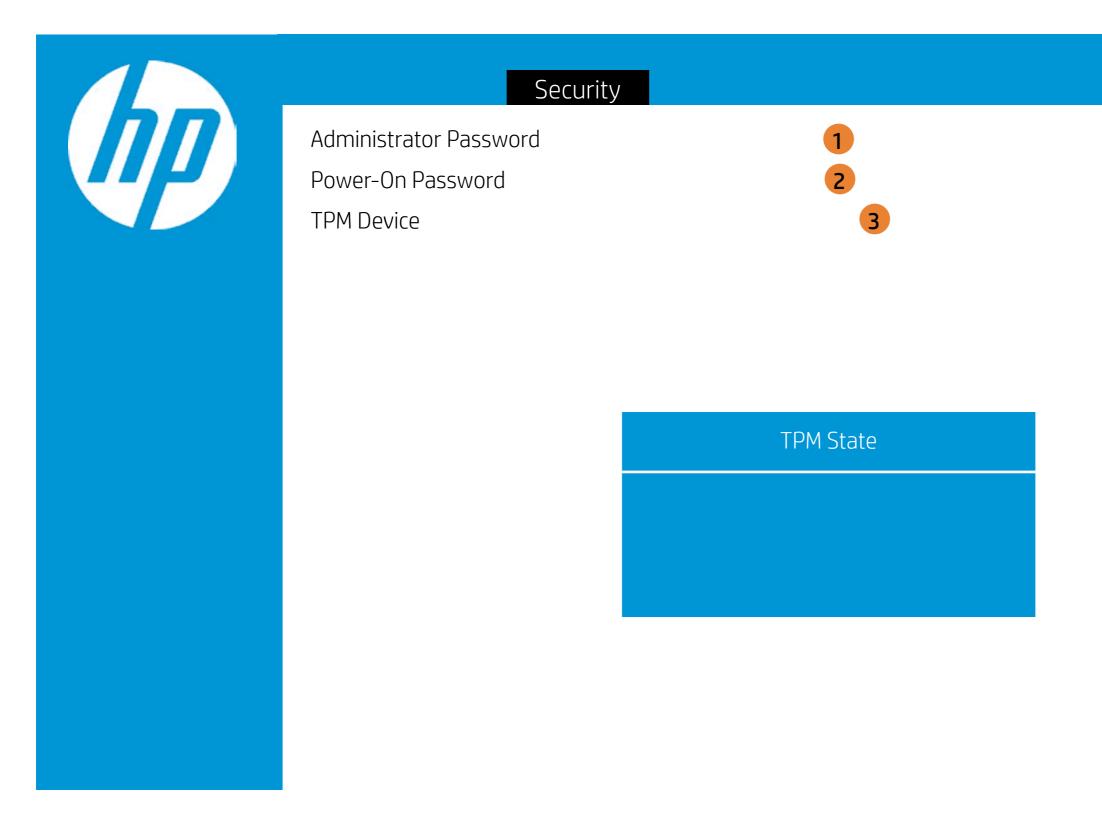
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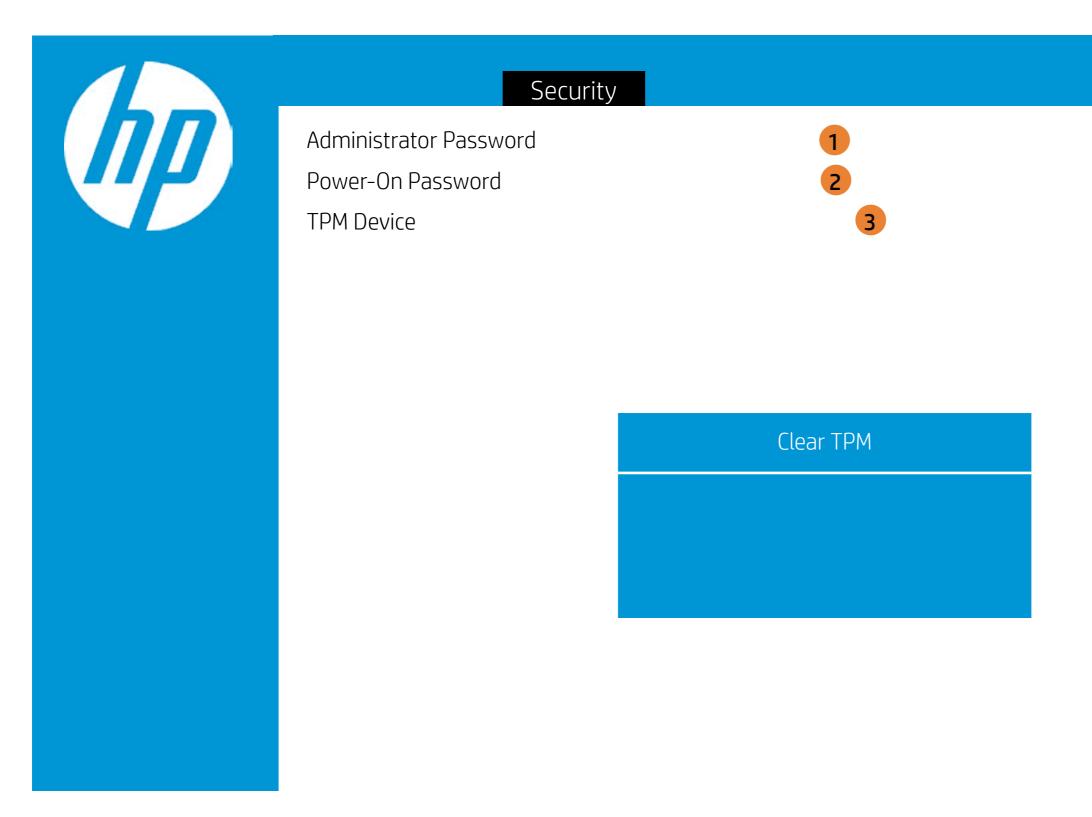
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	Configuration	
Language	1	
Virtualization Technology	2	
Fan Always On	3	
Action Keys Mode	4	
Battery Remaining TIme	5	
Adaptive Battery Extender	6	
S4/S5 Wake on Lan	7	

Item Specific Help
1. Select the display language for the BIOS.
2. Enable Virtualization Technology Support. A Pow- er Cycle is required for a change to be activated.
3. Sets the Fan Always On
 Disabled: Requires pressing fn key + f1 through f12 to activate action keys Enabled: Requires pressing only f1 through f12 to activate action keys
5. This item enables or disables the reporting of battery remaining time from the BIOS to the operating system. If disabled, the operating sustem displays battery life in a percentage only.
6. Dynamic battery protection to extend pack lon- gevity.
 Disabled: Requires pressing fn key + f1 through f12 to activate action keys. Enabled: Requires pressing only f1 through f12 to activate action keys.



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Virtualizatiion Technology

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Fan Always On

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Action Keys Mode

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Battery Remaining TIme	5
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S4/S5 Wake on Lan	7

Battery Remaining Time

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1. Select the display language for the BIOS.
2. Enable Virtualization Technology Support. A Pow- er Cycle is required for a change to be activated.
3. Sets the Fan Always On
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Adaptive Battery Extender

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S4/S5 Wake on Lan

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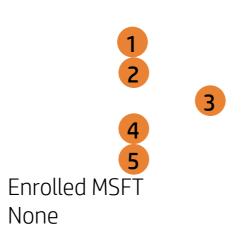
Post Hotkey Delay (sec) USB Boot Network Boot Network Boot Protocol Legacy Support

Platform Key Pending Action

Load HP Factory Default Keys Load MSFT Debug Policy Keys

UEFI Boot Order ► OS Boot Manager Internal CD/DVD ROM Drive

Legacy Boot Order ► Internal Hard Drive Internal CD/DVD ROM Drive



Boot Options	
Boot Options	 Item Specific Help Enable/Disable USB boot. Enable/Disable network boot during boot time. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first. When Legacy Support Is enabled. BIOS will load Compatibility Support Module <csm> to support Legacy OS such as Windows 7. Windows Vista. Windows XP und DOS. When legacy Support is disabled. BIOS will boot in UEFI Mode without CSM to support newer OS such as Windows 8. System might be unable to boot Into operating system after changing this setting.</csm> Secure Boot flow control. Secure Boot is possible only if System runs in User Mode.



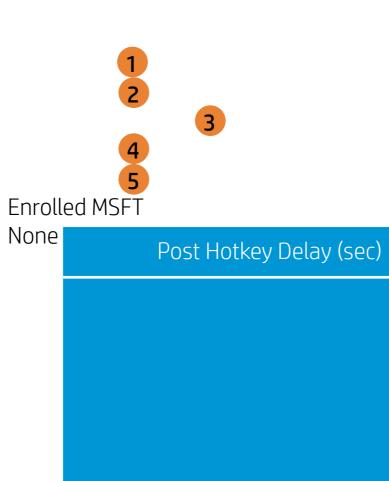
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	Item Specific Help
	1. Enable/Disable USB boot.
	2. Enable/Disable network boot during boot time.
Delay (sec)	3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is se- lected, BIOS will use IPv4 first.
	4. When Legacy Support Is enabled. BIOS will load Compatibility Support Module <csm> to support Legacy OS such as Windows 7. Windows Vista. Windows XP und DOS. When legacy Support is disabled. BIOS will boot in UEFI Mode without CSM to sup- port newer OS such as Windows 8. System might be unable to boot Into operating system after changing this setting.</csm>
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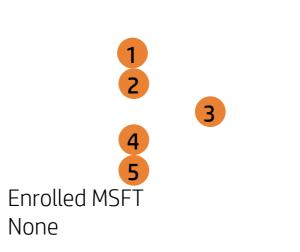
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Platform Key Pending Action

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USB Boot

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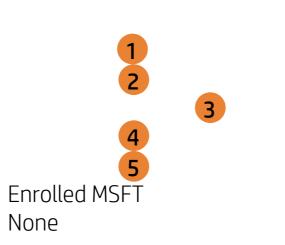
Post Hotkey Delay (sec) USB Boot Network Boot Network Boot Protocol Legacy Support

Platform Key Pending Action

Load HP Factory Default Keys Load MSFT Debug Policy Keys

UEFI Boot Order ► OS Boot Manager Internal CD/DVD ROM Drive

Legacy Boot Order ► Internal Hard Drive Internal CD/DVD ROM Drive



Network Boot

Root Options	
Boot Options	Item Specific Help 1. Enable/Disable USB boot. 2. Enable/Disable network boot during boot time. 3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is se-
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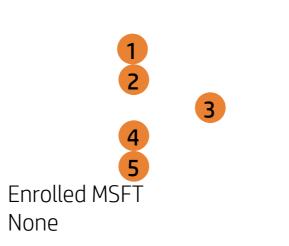
Post Hotkey Delay (sec) USB Boot Network Boot Network Boot Protocol Legacy Support

Platform Key Pending Action

Load HP Factory Default Keys Load MSFT Debug Policy Keys

UEFI Boot Order ► OS Boot Manager Internal CD/DVD ROM Drive

Legacy Boot Order ▶ Internal Hard Drive Internal CD/DVD ROM Drive



Network Boot Protoco

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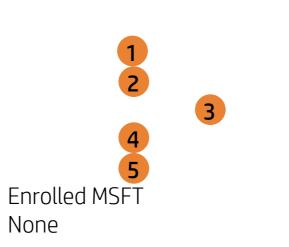
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Platform Key Pending Action

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Legacy Boot Order ► Internal Hard Drive Internal CD/DVD ROM Drive



Legacy Support

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Bool Options	Item Specific Help 1. Enable/Disable USB boot. 2. Enable/Disable network boot during boot
	 2. Enable/Disable network boot during boot time. 3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.
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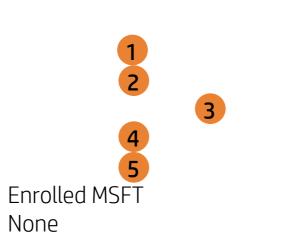
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Platform Key Pending Action

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UEFI Boot Order ► OS Boot Manager Internal CD/DVD ROM Drive

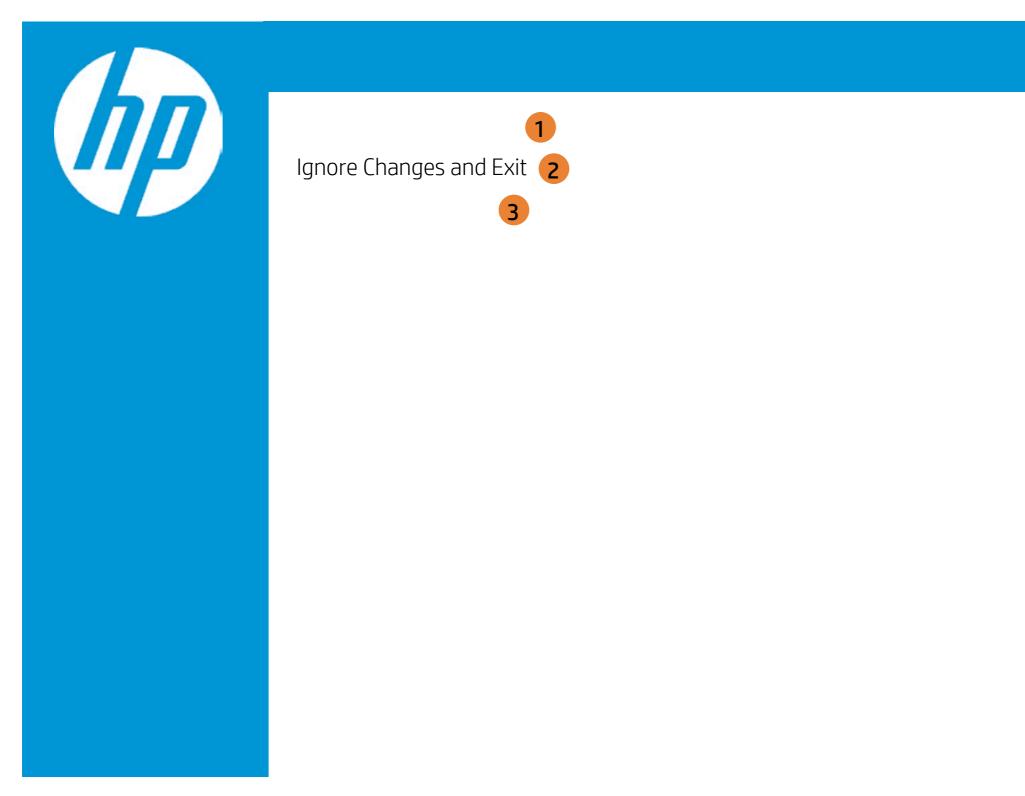
Legacy Boot Order ► Internal Hard Drive Internal CD/DVD ROM Drive



Secure Boot

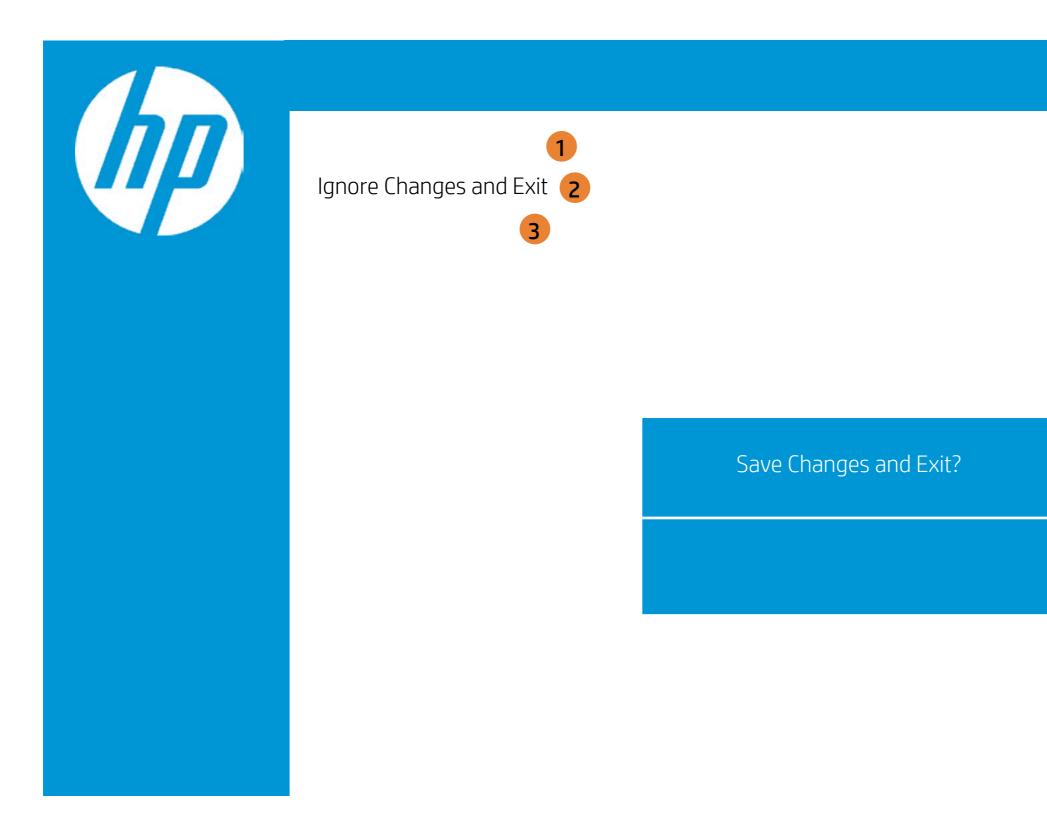
Root Options	
Boot Options	Item Specific Help 1. Enable/Disable USB boot. 2. Enable/Disable network boot during boot time.
	3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is se- lected, BIOS will use IPv4 first.
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Exit Menu



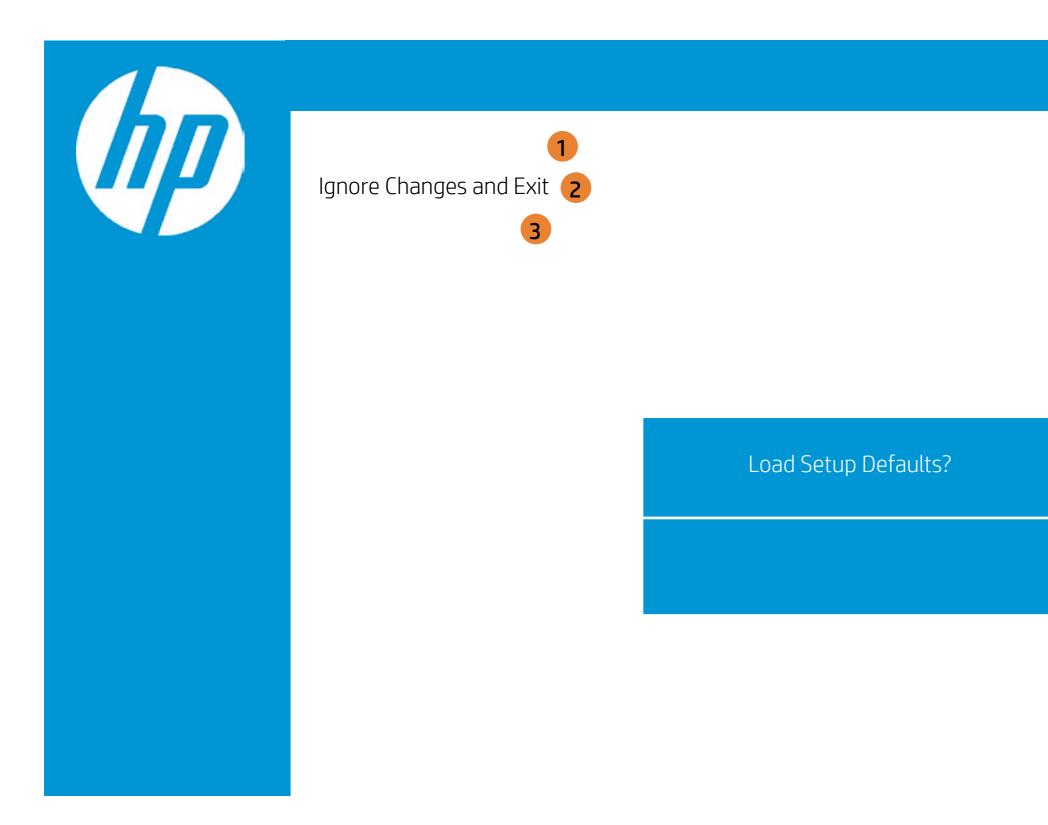
Exit	
	Item Specific Help
	1. Exit System Setup and save your changes to CMOS.
	2. Exit utility without saving Setup data to CMOS.
	3. Load default values for all SETUP items.

Exit Menu



Exit	
	Item Specific Help
	1. Exit System Setup and save your changes to CMOS.
	2. Exit utility without saving Setup data to CMOS.
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