

Interactive BIOS simulator

HP 340/348 G7 Notebook

Welcome to the interactive BIOS simulator for the
HP 340/348 G7 Notebook

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

Main

Security

System Configuration

Boot Options

Exit

Main Menu



System Time	[02:03:30]
System Date	11/01/2019
Product name	HP 340 G7
System Family	HP Notebook
Product Number	1234567#ABA
System Board ID	86CC
Asset Tag	000933011S
Born On Date	00/00/0000
Processor Type	Intel(R) Core(TM) i3-8130U CPU @ 2.20GHz
Total Memory	8 GB
BIOS Vendor	Insyde
BIOS Version	B.07
	1
Serial Number	000933011S
UUID	E3F6BA94-F2BF-144F-9EAE-3611ECAA2F68
System Board CT Number	CAAAARRSSWWXXX
Factory installed OS	Win10
Primary Battery SN	01007 07/05/2019
	2
Build ID	20WW1SIT6ag#SUUF#DUUF
Feature Bye	3K3X 476b 7J7M 7Wap aqaw bDbh cbdU dpdq fP .Eh

Item Specific Help

- 1. Provides firmware revision information of devices built in the system.
- 2. View the system diagnostic failure results.

Main Menu



Device Firmware Revision

Embedded Controller	97.05
Intel ME (Management Engine)	11 8 65 3590
GOP (Graphic Output Protocol)	9.0.1074

Item Specific Help

Main Menu



System Log

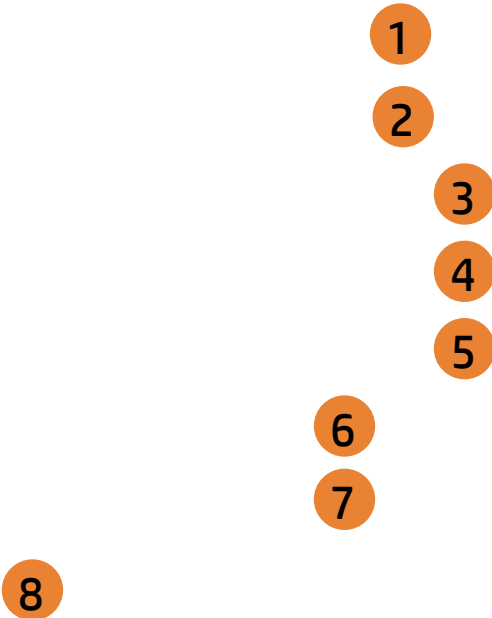
Result:

Time:

- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -
- No Data -

Item Specific Help

Security Menu



Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.
2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.
3. Enable/Disable Intel Software Guard Extensions (SGX)
4. If the item is set to Hidden, the TPM device is not visible in the operating system.
5. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.
6. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.
7. Set password for the primary hard drive
8. This option will restore all the security settings to factory defaults. For example, TPM device will be cleared and set to default shipping state.

Security Menu



Item Specific Help

Click on the pop-up to close it

Security Menu



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Item Specific Help

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Configuration Menu



- 1
- 2
- 3
- 4
- 5
- 6

Item Specific Help

- 1. Select the display language for the BIOS.
- 2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.
- 3. Set the Fan Always On
- 4. Disabled: Requires pressing fn key + f1 through f12 to activate action keys
Enabled: Requires pressing only f1 through f12 to activate action keys
- 5. Allow the system to charge the USB device such as mobile phone in S4 (Hibernation) or S5 (off) state.
- 6. This item enables or disables the reporting of battery remaining time from the BIOS to the operating system. If disabled, the operating system displays battery life in a percentage only.

Configuration Menu



MAC Address Pass Through

1

Item Specific Help

1. [Disabled]
Disable MAC Address Pass Through.
[System]
BIOS will pass MAC address of embedded NIC to HP MAC Address Manager.
[Custom]
BIOS will pass Custom MAC address to HP MAC Address Manager.
Typo the Custom MAC Address and press ENTER to SAVE or writes blank to clear the MAC Address.
The second byte must bo even digit, ei-ther 0, 2, 4, 6, 8, A, C or E.
Examples:
1234567890AB or 12-33-55-77-99-BB

Configuration Menu



Built-in Device Option

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Item Specific Help

1. Select whether to enable or disable Ethernet LAN Device.
[Enabled] Enable use of Ethernet LAN Device. [Disabled] Disable use of Ethernet LAN Device and keeps it disabled in OS environment.
2. Select whether to enable or disable Wireless LAN Device.
[Enabled] Enable use of Wireless LAN Device. [Disabled] Disable use of Wireless LAN Device and keeps it disabled in OS environment.
3. Select whether to enable or disable Bluetooth Device.
[Enabled] Enable use of Bluetooth Device. [Disabled] Disable use of Bluetooth Device and keeps it disabled in OS environment.
4. Select whether to enable or disable USB Port. [Enabled] Enable use of USB Port.
[Disabled] Disable use of USB Port and keeps it disabled in OS environment.
5. Select whether to enable or disable Memory Card Slot.
[Enabled] Enable use of Memory Card Slot. [Disabled] Disable use of Memory Card Slot and keeps It disabled In OS environment.
6. Select whether to enable or disable Microphone.
[Enabled] Enable use of Microphone. [Disabled] Disable use of Microphone and keeps it disabled In OS environment.
7. Select whether to enable or disable Fingerprint Reader.
[Enabled] Enable use of Fingerprint Reader [Disabled] Disable use of Fingerprint Reader and keeps It disabled in OS environment.
8. [Enabled] Turns off WLAN when a LAN insertion is detected.
[Disabled] Don't turn off WLAN when a LAN insertion is detected.
9. [Enabled] Enable wake on WLAN when system is in S3/S4
[Disabled] Disable wake on WLAN when system is in S3/S4

Configuration Menu



MAC Address Pass Through

Item Specific Help

Configuration Menu



Item Specific Help

Configuration Menu



Item Specific Help

Configuration Menu



Item Specific Help

Configuration Menu



Item Specific Help

Configuration Menu



Item Specific Help

Configuration Menu



UEFI HII Configuration

Item Specific Help

Configuration Menu




Intel(R) RST 17.5.0.4055 RAID Driver

Optane Volume

Item Specific Help

Boot Options Menu



Platform Key

Pending Action

Load HP Factory Default Keys

Load MSFT Debug Policy Keys

UEFI Boot Order

USB Flash Drive/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

Internal Hard Drive

USB Flash Drive/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Enrolled

None

1

2

3

4

5

6

Item Specific Help

1. POST Hotkey Delay (sec) controls the amount of time given to press the function key to enter the Setup Utilities when the system starts. To disable the audible password prompt (beeping sound) for both the Administrator Password and Power-On Password, set the POST Hotkey Delay (see) option to 0.

2. Enable/Disable USB boot.

3. Enable/Disable network boot during boot time.

4. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.

5. 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.

6. When Secure Boot is enabled, BIOS performs cryptographic check during bootup, for the integrity of the software image. It prevents unauthorized or maliciously modified software from running.

Boot Options Menu



Item Specific Help

Platform Key
Pending Action

Enrolled
None

Load HP Factory Default Keys
Load MSFT Debug Policy Keys

UEFI Boot Order

USB Flash Drive/USB Hard Disk
USB CD/DVD ROM Drive
! Network Adapter

Legacy Boot Order

- Internal Hard Drive
- USB Flash Drive/USB Hard Disk
- USB CD/DVD ROM Drive
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Boot Options Menu



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- ! Network Adapter

Exit Menu



- Exit Saving Changes 1
- Exit Discarding Changes 2
- Load Setup Defaults 3

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.

Configuration Menu



Built-in Device Option

Item Specific Help

Configuration Menu



Built-in Device Option

Item Specific Help

Configuration Menu



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Built-in Device Option

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Configuration Menu



BIOS Power-On

Item Specific Help

Configuration Menu



OPTANE VOLUME INFO

Disable mode:	Safe
Size:	465.7GB

Volume member disks:

Item Specific Help

Configuration Menu



Item Specific Help

Configuration Menu



Item Specific Help

Configuration Menu



Item Specific Help