

# Interactive BIOS simulator

## OMEN by HP 873-xxxx Desktop PC

Welcome to the interactive BIOS simulator for the  
OMEN by HP 873-xxxx Desktop 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.

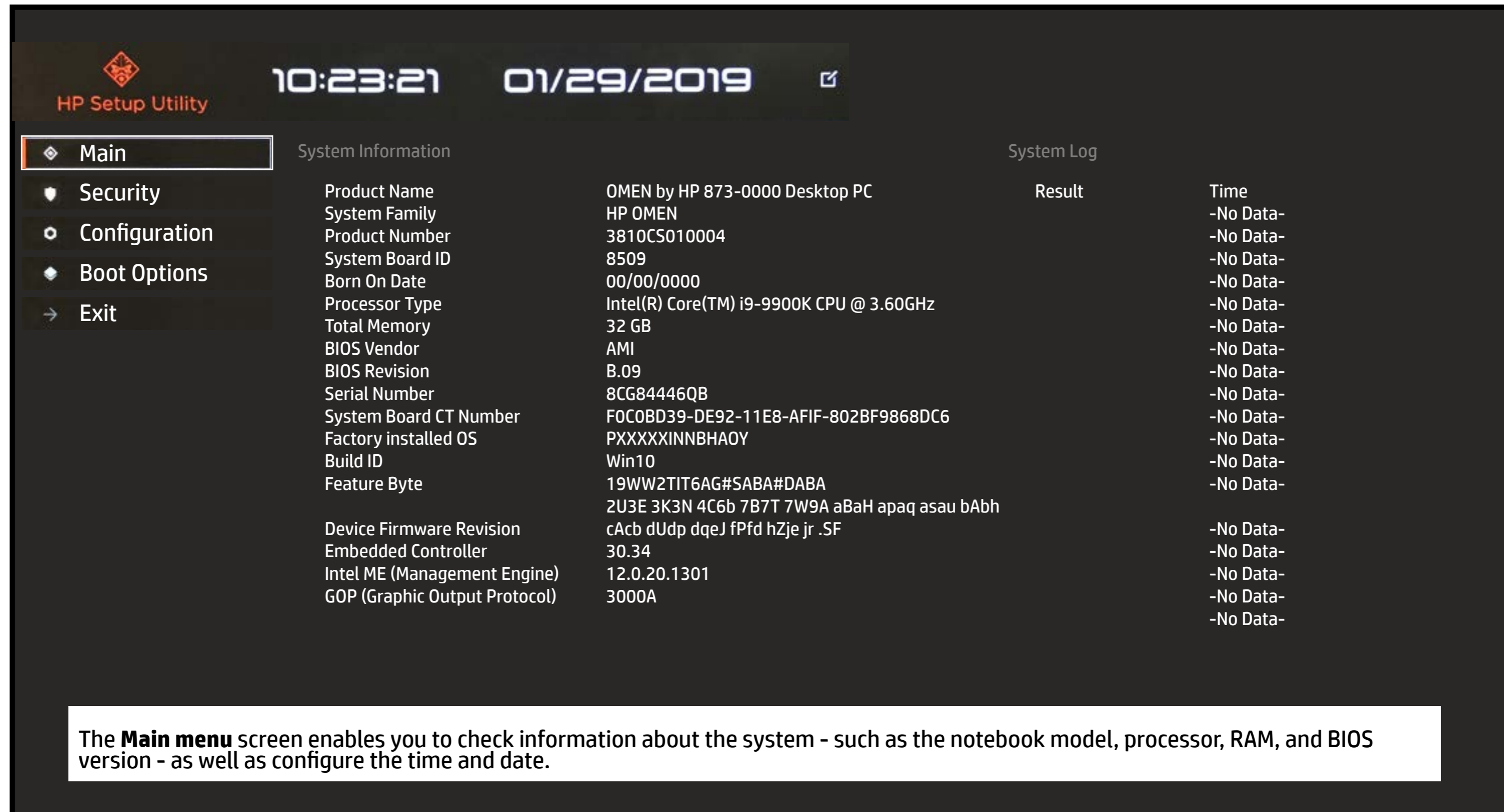
### That's it!

**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.**



# Main Menu

Back to BIOS Utility Menus



The screenshot shows the HP Setup Utility interface. At the top, it displays the HP logo, the text 'HP Setup Utility', the time '10:23:21', and the date '01/29/2019'. On the left, there is a navigation menu with options: Main (selected), Security, Configuration, Boot Options, and Exit. The main area is divided into two sections: 'System Information' and 'System Log'. The 'System Information' section lists various system details such as Product Name, System Family, Product Number, System Board ID, Born On Date, Processor Type, Total Memory, BIOS Vendor, BIOS Revision, Serial Number, System Board CT Number, Factory installed OS, Build ID, Feature Byte, Device Firmware Revision, Embedded Controller, Intel ME (Management Engine), and GOP (Graphic Output Protocol). The 'System Log' section shows a table with columns for 'Result' and 'Time', with all entries currently showing '-No Data-'. At the bottom of the screen, there is a white box containing text explaining the Main menu screen.

HP Setup Utility 10:23:21 01/29/2019

◆ Main System Information System Log

◆ Security

○ Configuration

◆ Boot Options

→ Exit

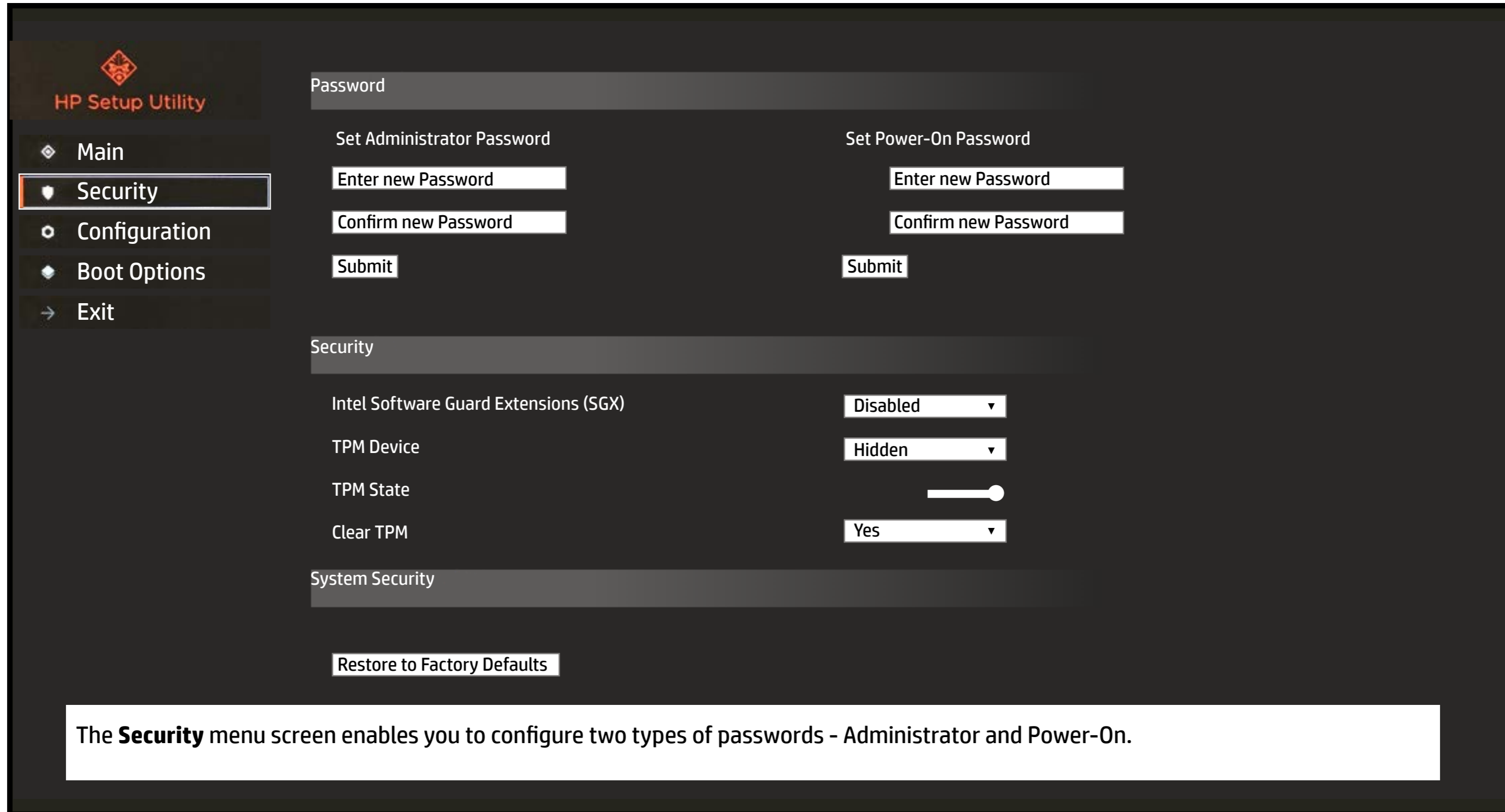
System Information	Result	Time
Product Name	OMEN by HP 873-0000 Desktop PC	-No Data-
System Family	HP OMEN	-No Data-
Product Number	3810CS010004	-No Data-
System Board ID	8509	-No Data-
Born On Date	00/00/0000	-No Data-
Processor Type	Intel(R) Core(TM) i9-9900K CPU @ 3.60GHz	-No Data-
Total Memory	32 GB	-No Data-
BIOS Vendor	AMI	-No Data-
BIOS Revision	B.09	-No Data-
Serial Number	8CG84446QB	-No Data-
System Board CT Number	F0C0BD39-DE92-11E8-AFIF-802BF9868DC6	-No Data-
Factory installed OS	PXXXXXINNBAOY	-No Data-
Build ID	Win10	-No Data-
Feature Byte	19WW2TIT6AG#SABA#DABA 2U3E 3K3N 4C6b 7B7T 7W9A aBaH apaq asau bAbh	-No Data-
Device Firmware Revision	cAcb dUdp dqeJ fPfd hZje jr .SF	-No Data-
Embedded Controller	30.34	-No Data-
Intel ME (Management Engine)	12.0.20.1301	-No Data-
GOP (Graphic Output Protocol)	3000A	-No Data-

The **Main menu** screen enables you to check information about the system - such as the notebook model, processor, RAM, and BIOS version - as well as configure the time and date.

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# Security Menu

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HP Setup Utility

- Main
- Security**
- Configuration
- Boot Options
- Exit

### Password

Set Administrator Password	Set Power-On Password
<input type="text" value="Enter new Password"/>	<input type="text" value="Enter new Password"/>
<input type="text" value="Confirm new Password"/>	<input type="text" value="Confirm new Password"/>
<input type="button" value="Submit"/>	<input type="button" value="Submit"/>

### Security

Intel Software Guard Extensions (SGX)	<input type="text" value="Disabled"/>
TPM Device	<input type="text" value="Hidden"/>
TPM State	<input type="range"/>
Clear TPM	<input type="text" value="Yes"/>

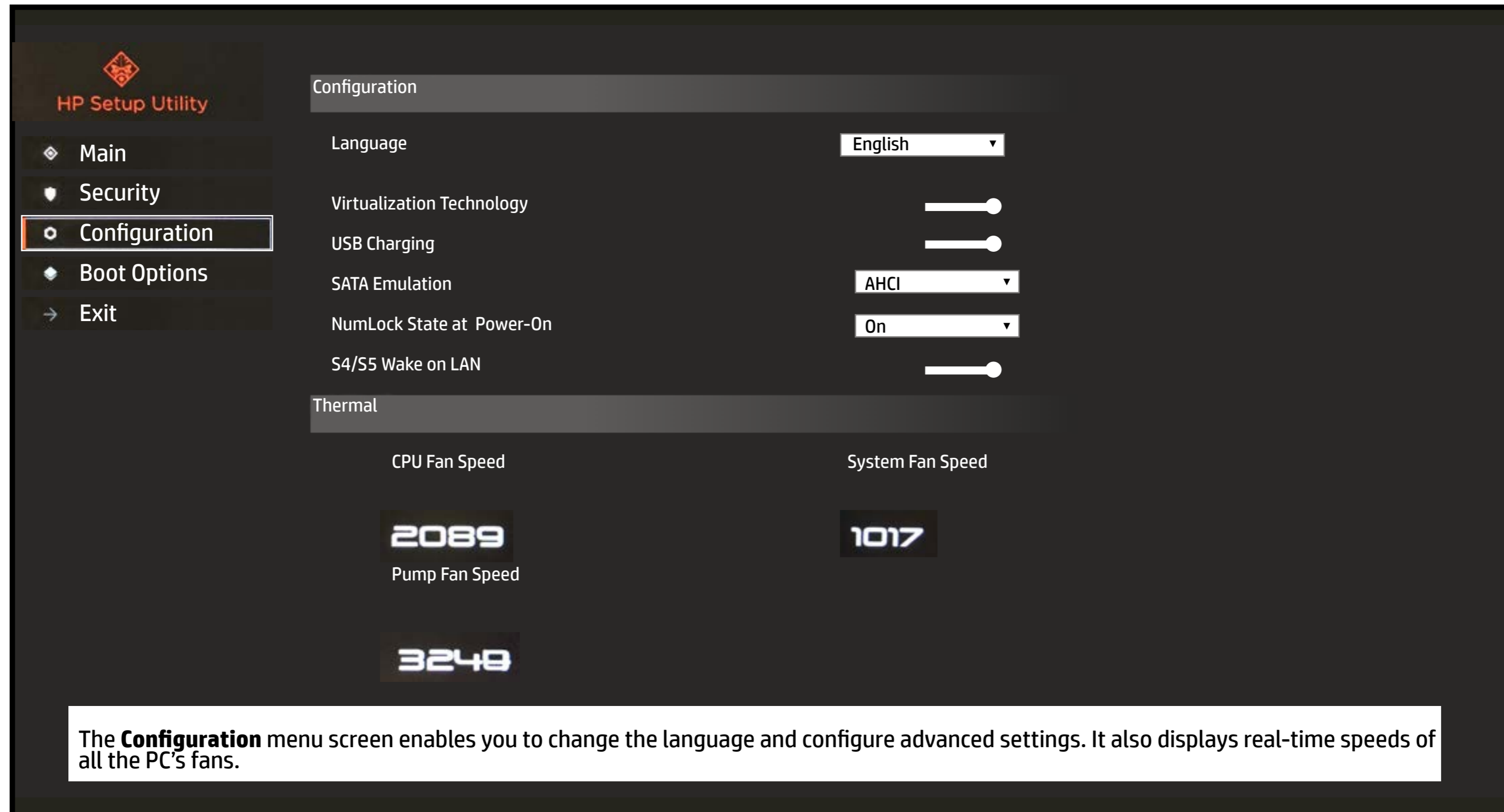
### System Security

The **Security** menu screen enables you to configure two types of passwords - Administrator and Power-On.

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# Configuration Menu

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The screenshot shows the HP Setup Utility Configuration Menu. On the left is a navigation sidebar with options: Main, Security, Configuration (highlighted), Boot Options, and Exit. The main area is divided into two sections: Configuration and Thermal. The Configuration section includes settings for Language (English), Virtualization Technology (toggle), USB Charging (toggle), SATA Emulation (AHCI), NumLock State at Power-On (On), and S4/S5 Wake on LAN (toggle). The Thermal section displays real-time fan speeds: CPU Fan Speed (2089), System Fan Speed (1017), and Pump Fan Speed (3248).

**HP Setup Utility**

- Main
- Security
- Configuration**
- Boot Options
- Exit

**Configuration**

- Language: English
- Virtualization Technology: [Toggle]
- USB Charging: [Toggle]
- SATA Emulation: AHCI
- NumLock State at Power-On: On
- S4/S5 Wake on LAN: [Toggle]

**Thermal**

Fan Type	Speed
CPU Fan Speed	2089
System Fan Speed	1017
Pump Fan Speed	3248

The **Configuration** menu screen enables you to change the language and configure advanced settings. It also displays real-time speeds of all the PC's fans.

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# Boot Options Menu

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HP Setup Utility

- Main
- Security
- Configuration
- Boot Options**
- Exit

**Boot Options**

Setup mode select: Graphic

POST Hotkey Delay (sec): 0

USB Boot:

Network Boot:

Network Boot Protocol: IPv4(UEFI)

Legacy Support:

Secure Boot:

Platform key: Enrolled-MSFT

Pending Action: None

**Boot Keys**

Clear All Secure Boot keys

Load HP Factory Default Keys

Load MSFT Debug Policy Keys

**Boot Order**

**UEFI Boot Order**

- OS Boot Manager
- Windows Boot Manager (SK hynix BC501 HFM512GDJTN-8310A)
- USB Flash Drive/USB Hard Disk
- USB CD/DVD ROM Drive
- !Network Adapter

**Legacy Boot Order**

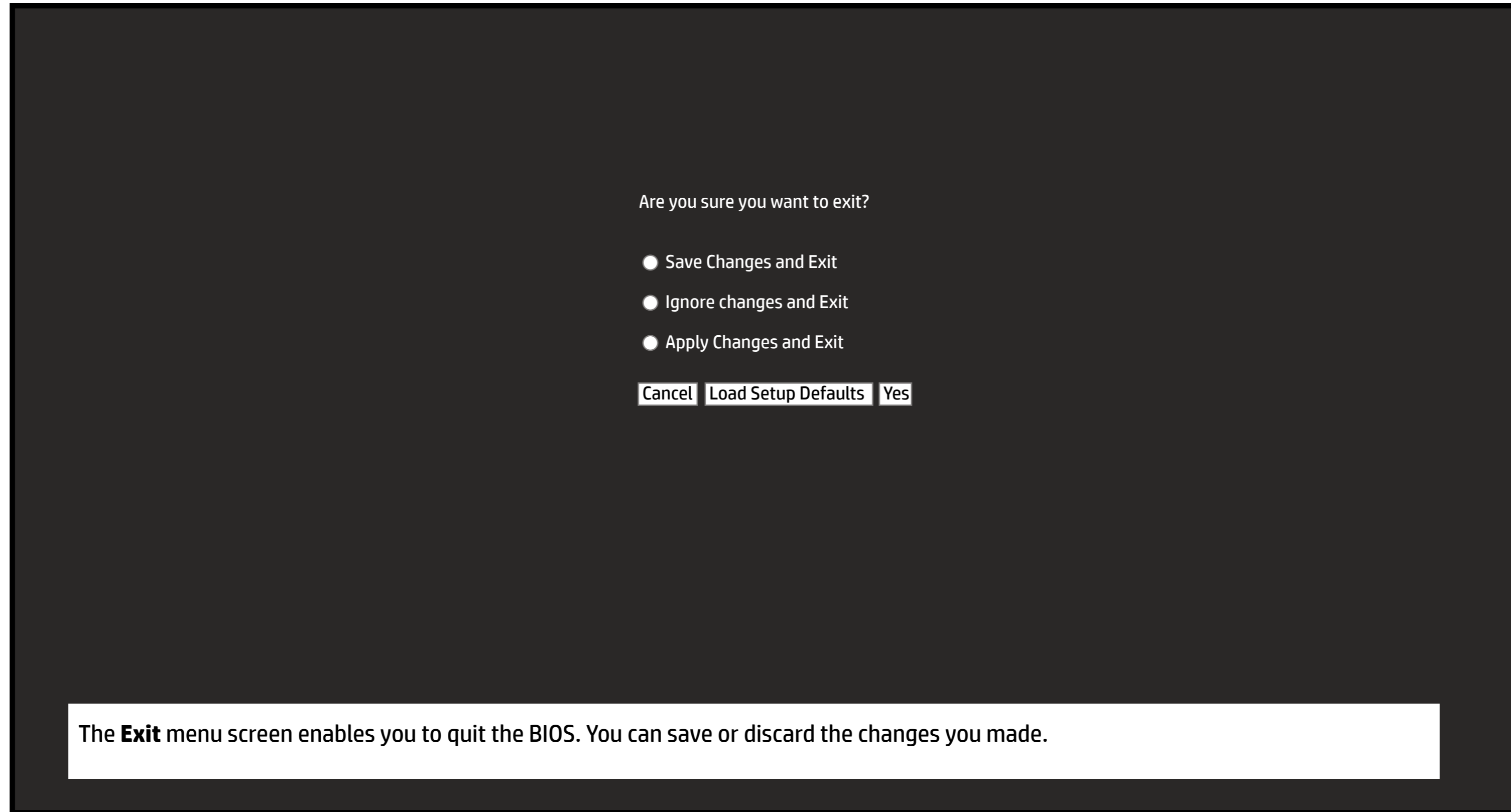
- Internal Hard Drive
- USB Flash Drive/USB Hard Disk
- USB CD/DVD ROM Drive
- !Network Adapter

On the **Boot Options** screen you can choose whether you want to boot from a CD-ROM or internal network adapter. You can also choose the boot order.

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# Exit Menu

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