

# Interactive BIOS simulator

## OMEN X by HP Desktop PC 900-2xx

Welcome to the interactive BIOS simulator for the  
OMEN X by HP Desktop PC 900-2xx

### 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

File

Storage

Security

Power

Advanced

**Note**

This program walkthrough was developed from a pre-production version of the Hewlett-Packard Computer Setup for training purposes only. The information contained in this walkthrough might not exactly match the current or previous production version. The walkthrough is representative of the typical factory default settings, but it might not provide all possible options. A customer's settings depend on the specific model and on any changes they have made to the factory defaults.

HP Setup Utility

Placeholder for a table or list of items, currently empty.

System Information

Manufacturer	HP
Product Name	OMEN X by HP Desktop PC 900-2xx
SKU Number	1RA73AV#ABA
Serial Number	5CC710062
System Family	OMEN X
Born on Date	07/27/2017
System Board ID	839F
System Board CT Number	PGRCEX2P17300J
BIOS Revision	839F vF.01
BIOS Date	07/24/2017
Processor Type	Genuine Intel(R) CPU 0000%0
Processor Speed	2400 MHz
Memory Size	8192 MB DDR4 / 2400 MHz / Single Channel

About

System BIOS and Setup Utility

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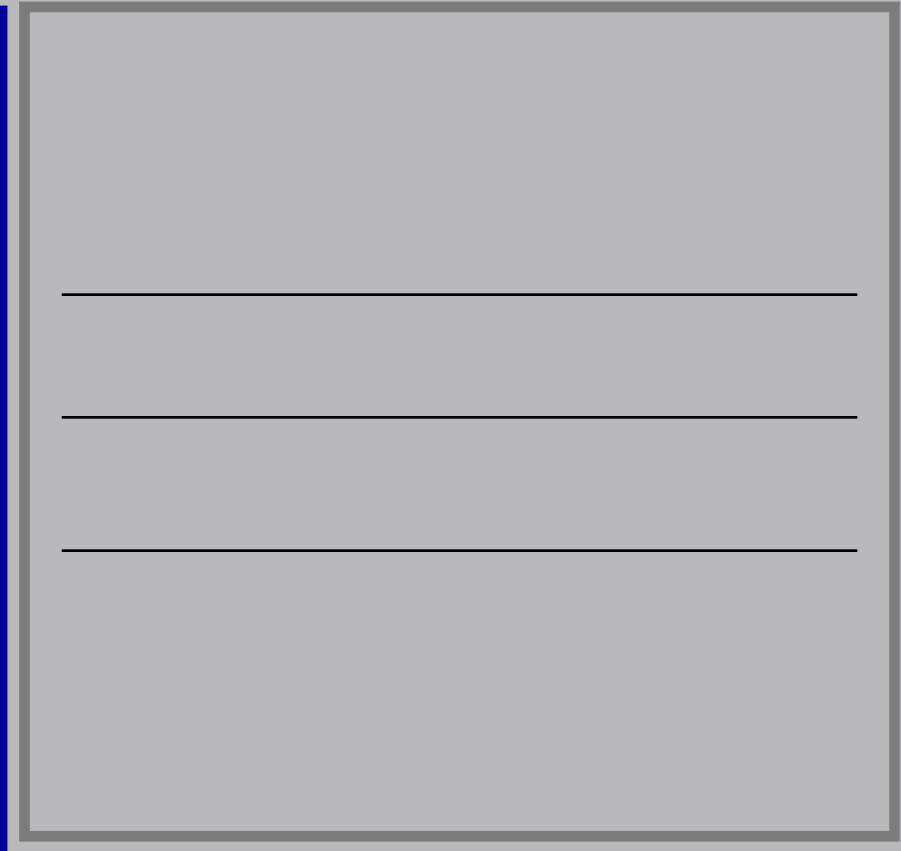
(C) Copyright 1985-2018, American Megatrends, Inc.  
All Right Reserved  
5555 Oakbrook Pkwy, Norcross, GA 30093  
Phone: (770) - 246 - 8600

# HP Setup Utility

## System Log

Result:	Time:
0021	072817-005738
0021	072817-005738
0021	072817-005738
0021	072817-005738
0021	072817-005738
0021	072817-005738
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0021	072817-005738





Set Time and Date

Time (hh:mm)

▶ 21:20

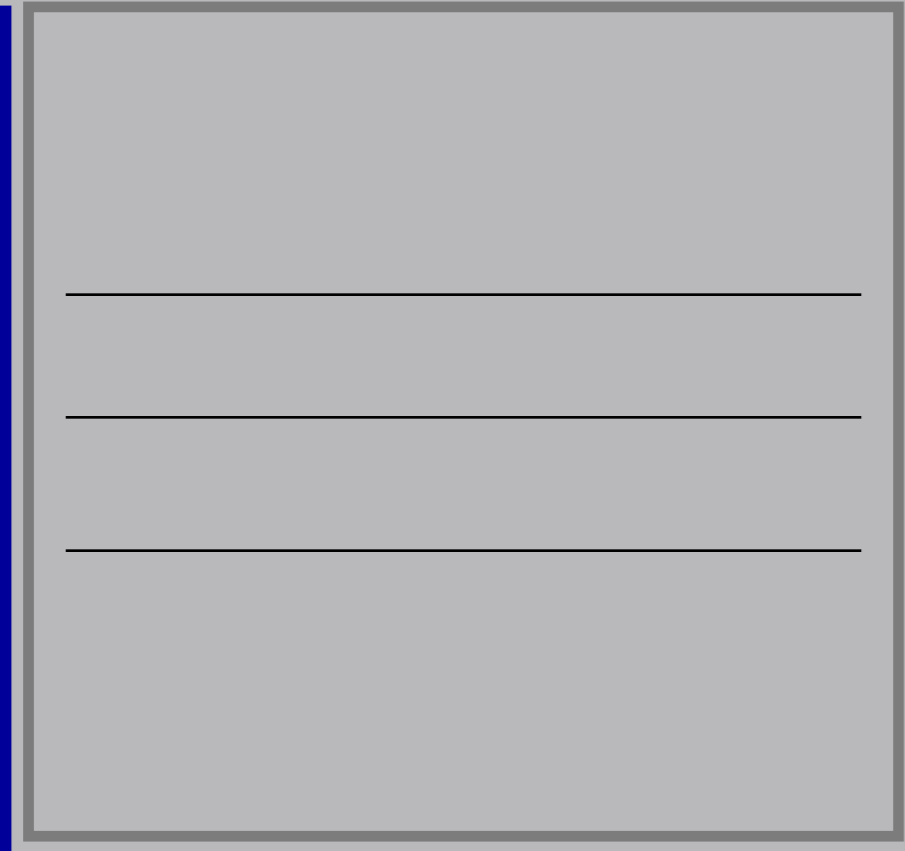
Date (mm/dd/yyyy)

04/21/2017

Default Setup

Apply Default and Exit

Are you sure you want to  
Set Defaults and Exit



Ignore Changes and Exit

Are you sure you want to  
Ignore Changes and Exit

Placeholder for a list or table of settings, currently empty.

Save Changes and Exit

Are you sure you want to  
Save Changes and Exit





Device Configuration

Hard Disk

CD-ROM

# HP Setup Utility



## SATA0 1 TB, ST1000DM003 - 15B102

Size	1 TB
Model	ST1000DM003 - 15B102
Firmware	HPH3
Serial Number	29ACCL1M



# HP Setup Utility



M.2 256 GB, SAMSUNG MZVLW256HEMP - 000M1

Size	256 GB
Model	SAMSUNG MZVLW256HEMP - 000M1
Firmware	CXB70H1Q
Serial Number	S340NX0J220233

# HP Setup Utility



## SATA5 hpHLDSVDRWGUDON

Size	hpHLDSVDRWGUDON
Firmware	SD03
Serial Number	711C2000810



Storage Options

SATA Emulation

A blue rectangular box with a white border. The text "Storage Options" is centered at the top, and "SATA Emulation" is centered below it.



Storage Options

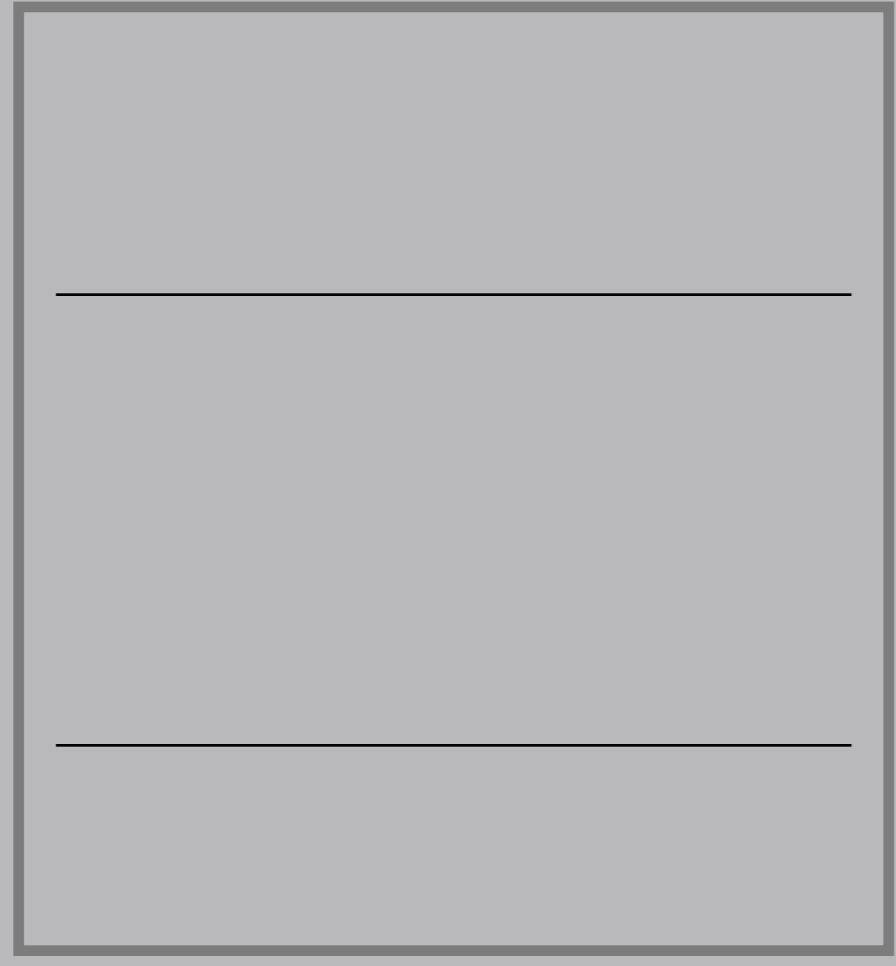
SATA Emulation

A blue rectangular menu box with a white border. The text "Storage Options" is centered at the top, and "SATA Emulation" is centered below it.



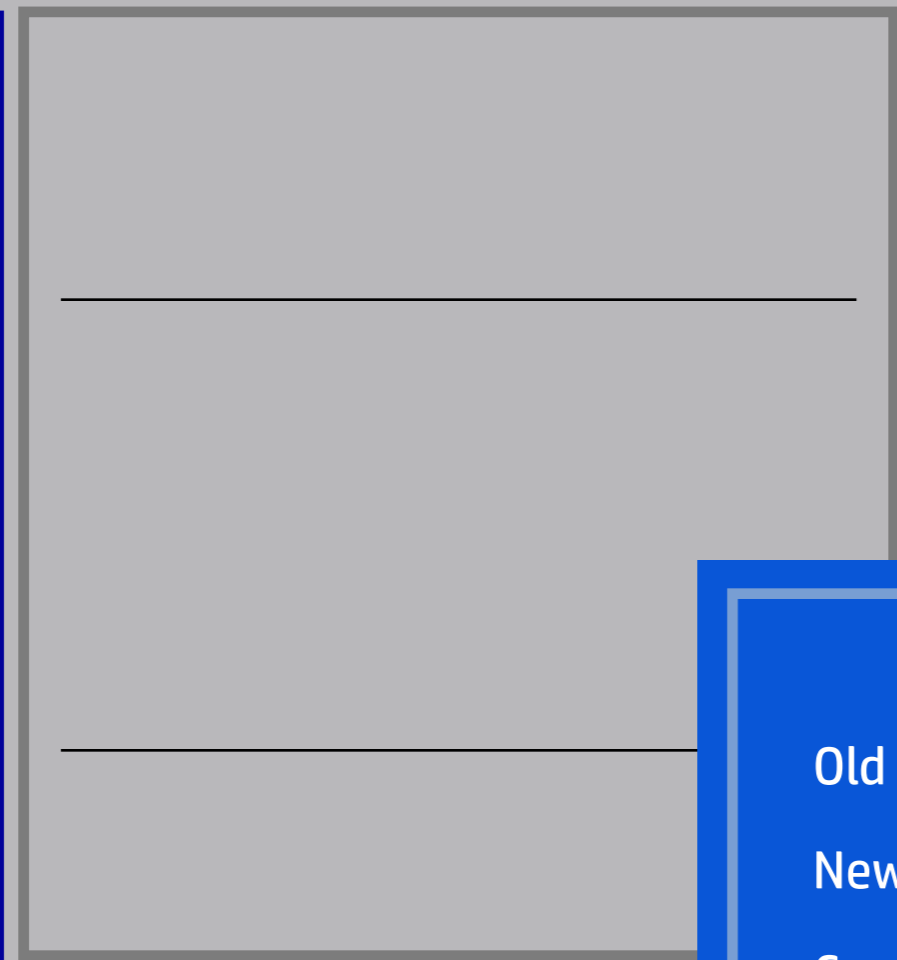
Boot Order

- ▶ UEFI Boot Sources
  - OS Boot Manager
    - Windows Boot Manager (ST1000LM049-2GH172)
  - USB Floppy/CD
  - USB Hard Drive
  - ATAPI CD/DVD Drive
- Legacy Boot Sources: Disable



A gray rectangular box with a double border, containing two horizontal lines, likely representing a placeholder for a logo or image.

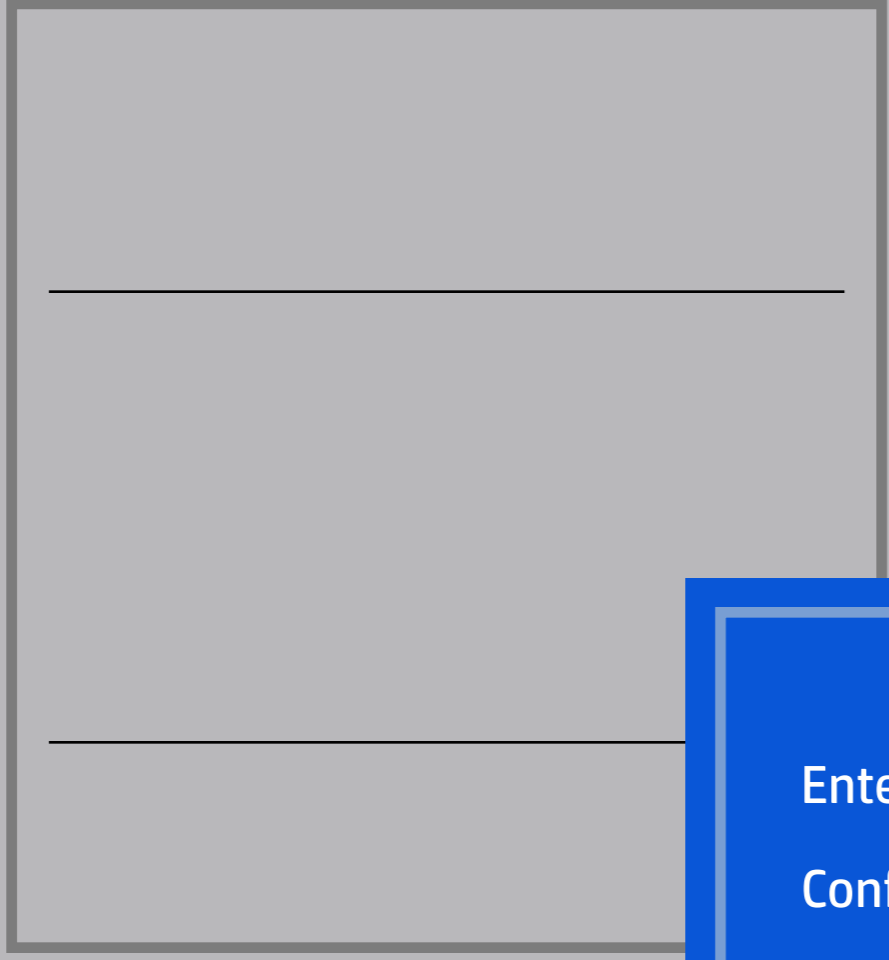
# HP Setup Utility



Setup Password

Old Password	[	]
New Password	[	]
Confirm Password	[	]

# HP Setup Utility



## Power-On Password

Enter New Password [ ]  
Confirm Password [ ]



Password Options

- Lock Legacy Resources
- Setup Browser Mode
- Password Prompt on F9, F11 & F12
- Stringent Password

Device Security

- System Audio
- Network Controller
- SATA1
- SATA2
- SATA3
- SATA4
- SATA5
- SATA6

USB Security

Front USB Port

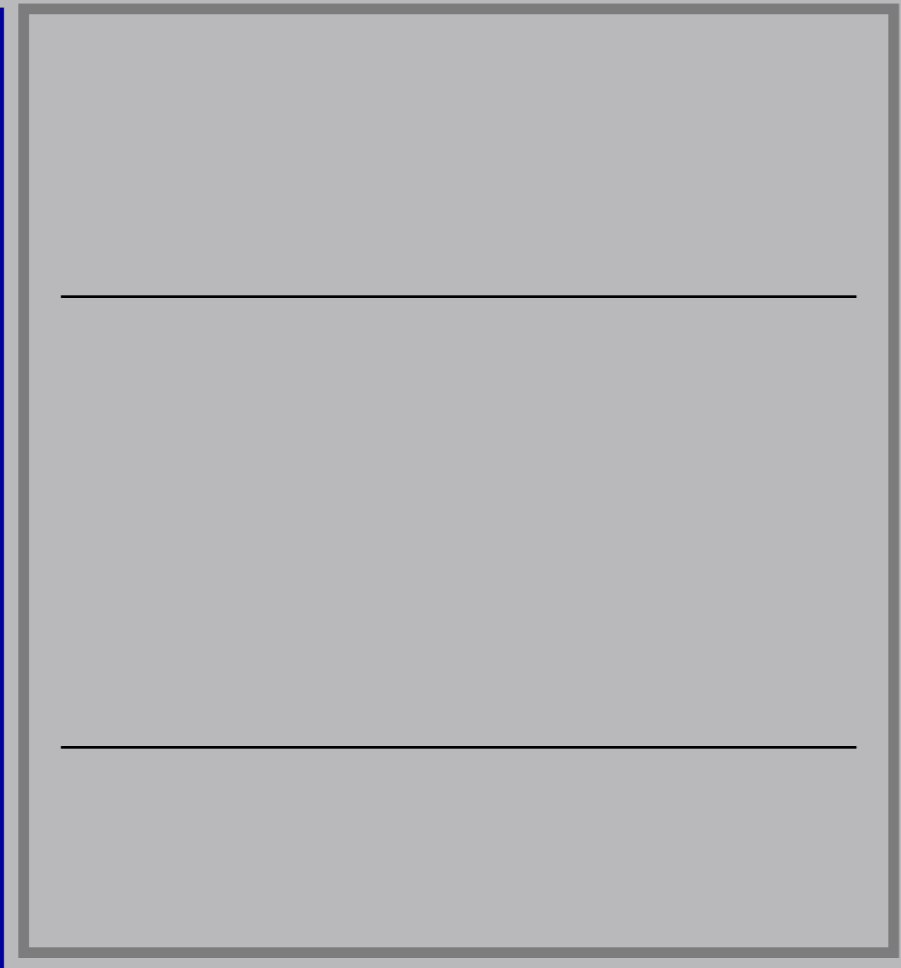
- USB Port 9
- USB Port 10
- USB Port 11
- USB Port 12
- USB Port 13

Rear USB Port

- USB Port 3
- USB Port 4
- USB Port 5
- USB Port 6
- USB Port 7
- USB Port 8

Slot Security

PCI Express x1 Slot 1  
Mini Card Slot  
M.2 Card Slot



Network Boot

Network Boot  
Network Boot Protocol

# HP Setup Utility

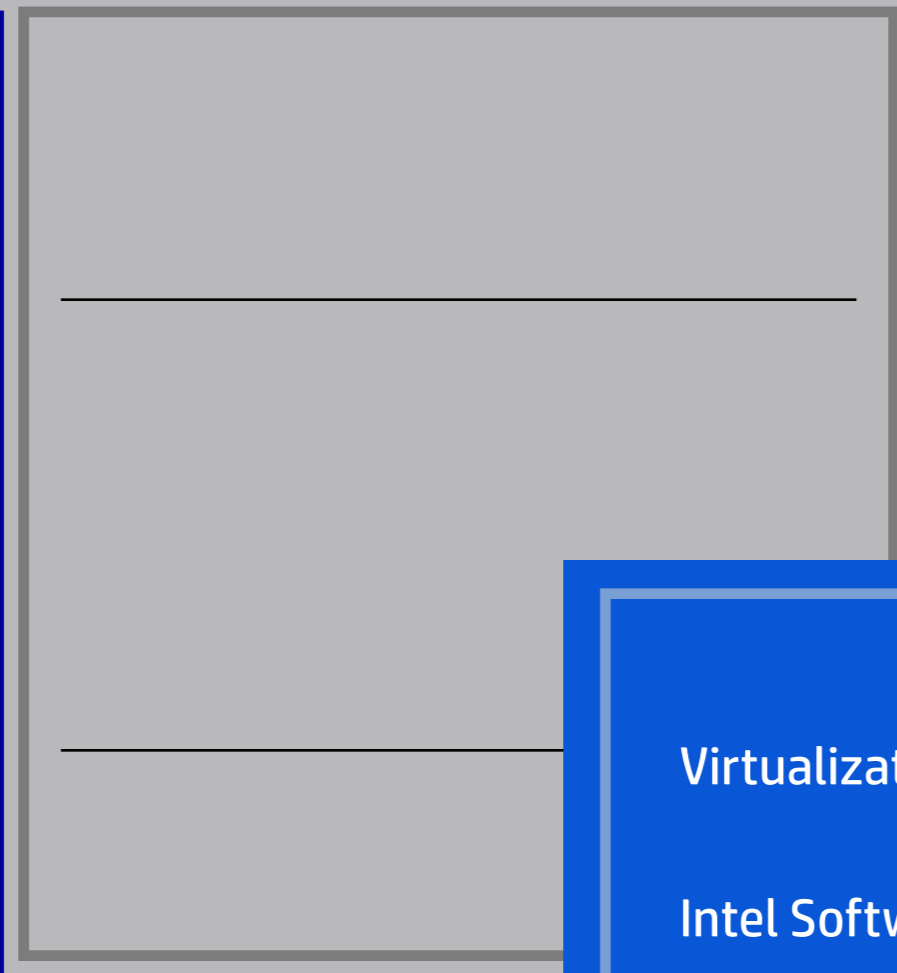
## System IDs

Product Name	[OMEN X by HP Desktop PC 900-2XX	]
Serail Number	[5CC7170062	]
UUID	[00000000-0000-0000-0000-C8D3FF4401F0	]
SKU Number	[1RA73AV#ABA	]
System Family	OMEN X	
Feature Byte	3E3K 3N3Q 4C4h 6b7T 7WaB aHap aqas b7bA bhcb dudX dpdq fPfd ff.Ft	
Build ID	[17WW3TYT6AB#SABA#DABA	]
Keyboard	U.S.	

System Security

Virtualization Technology (VTx/VTd)

Restore Security settings to Factory Defaults



System Security

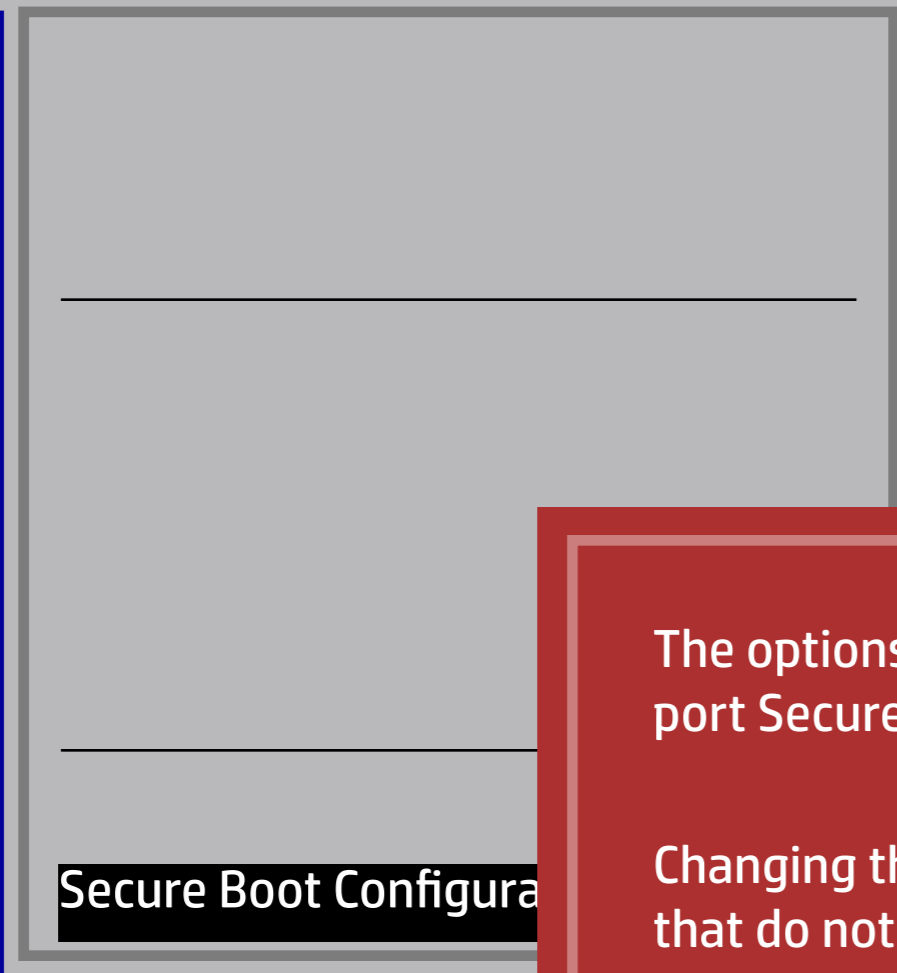
Virtualization Technology (VTx/VTd)

Intel Software C TPM

Restore Security TPM Device e Controlled

SC=Cancel





Secure Boot Configura

### Secure Boot Configuration

The options on this Setup page are only for Windows 8 and other Operating System that support Secure Boot.

Changing the default settings of any of the Setup options on this page for Operating System that do not support Secure Boot may prevent the syetm from botting successfully.

Are you sure that you want to continue?



# HP Setup Utility



## OS Power Managemnet

Runtime Power Management  
Idle Power Savings



Hardware Power Managemnet

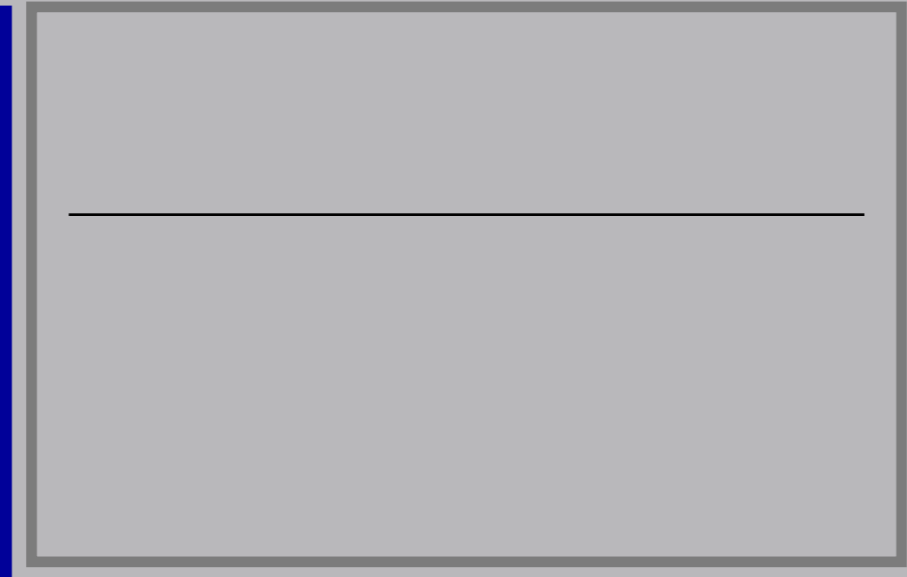
SATA Power Management  
S4/S5 Wake on LAN

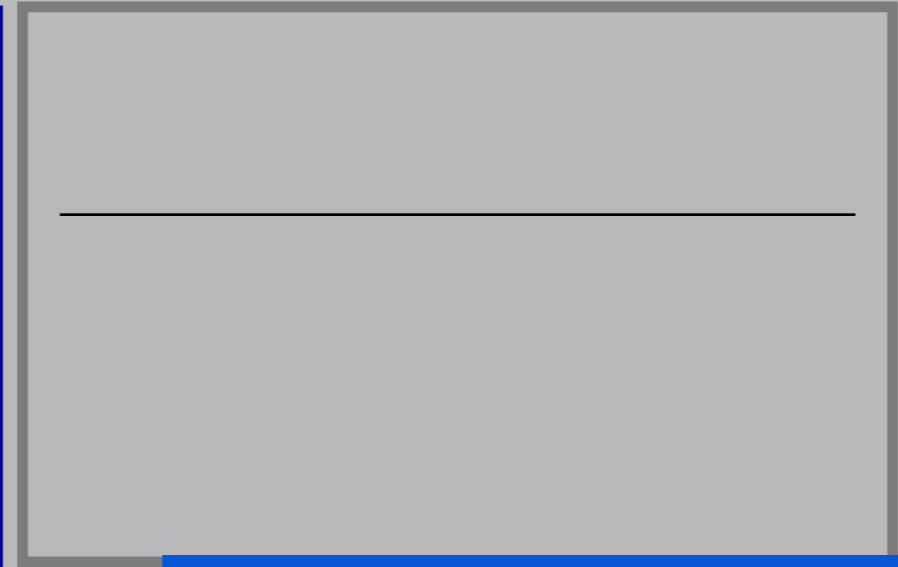
# HP Setup Utility



	Thermal
CPU_FAN1	1890
PCI_FAN1	556 RPM
HDD_FAN1	615 RPM

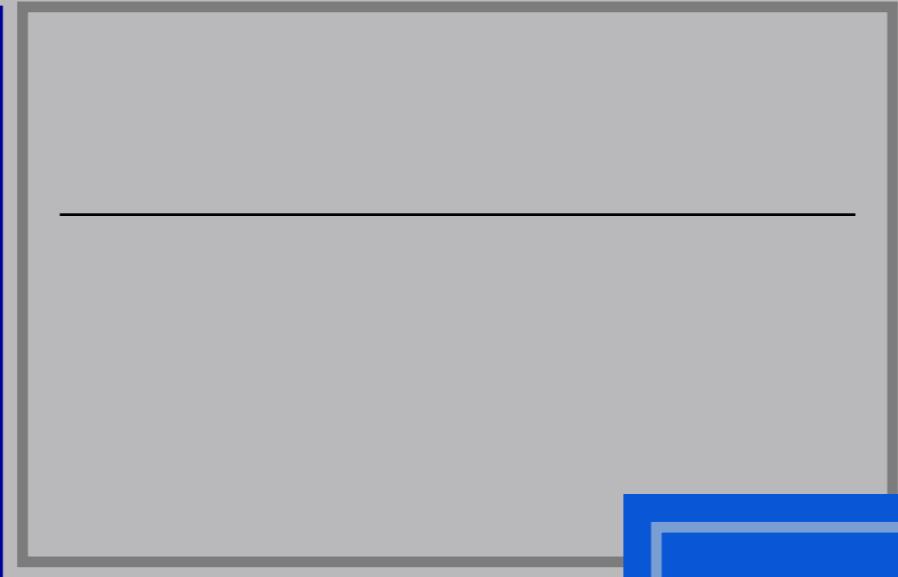
# HP Setup Utility





Power-On Options

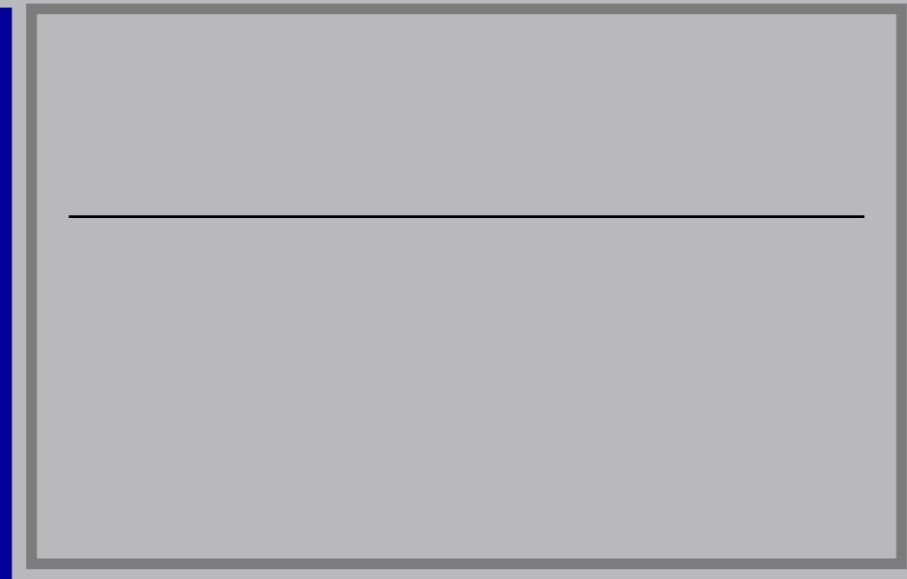
- POST Messages
- After Power Loss
- POST Delay (in seconds)
- Remote Wakeup Boot Source



BIOS Power-On

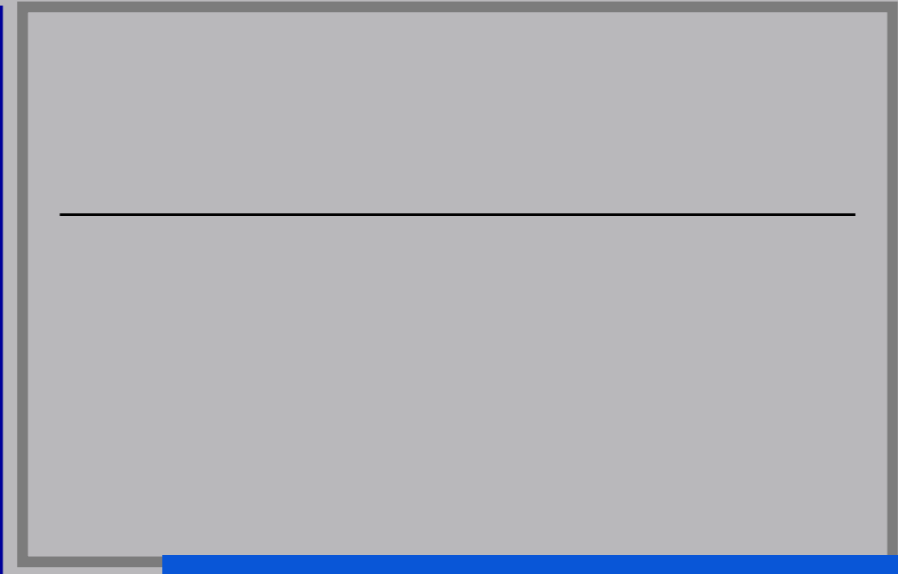
- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Time (hh:mm)





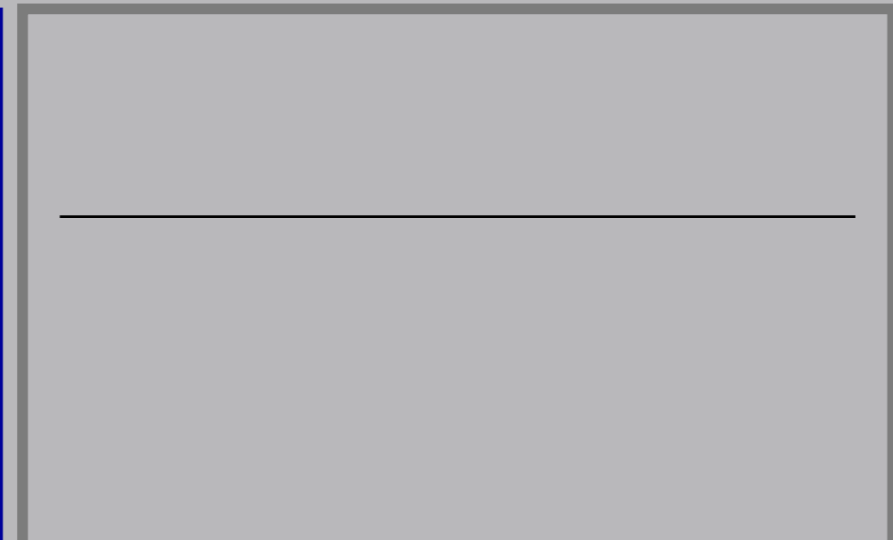
Bus Options

- PCI SERR# Generation
- PCI VGA Palette Snooping



Device Options

- Num Lock State at Power-On
- Multi-Processor
- Hyper-Threading
- NIC PXE Option ROM Download



Realtek PCIe GBE Family Controller (MAC:C8:D3:FF:44:01:F0)

Driver Information

Driver Name :	Realtek UEFI UNDI Driver
Driver Version :	2.035
Driver Released Date :	2015/03/30

Device Information

Device Name :	Realtek PCIe GBE Family Controller
PCI Slot :	03:00:00
MAC Address :	C8:D3:FF:44:01:F0

Patent Information

This product is covered by one or more of the following patents :  
US6, 570, 884, US6, 115, 776, and US6, 327, 625