Interactive BIOS simulator

HP ProDesk 680 G4 MT

Welcome to the interactive BIOS simulator for the
HP ProDesk 680 G4 MT

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.

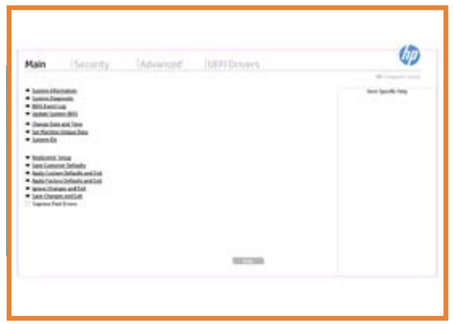
Menu options:
While the menu options cannot be toggled, many of them offer item specific information about that option. To view this information, use the cursor to rollover the option and the information will present in a pane on the right of the BIOS screen.

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 | Security | Advanced | UEFI Drivers

HP Computer Setup

- System Information
- System Diagnostic
- BIOS Event Log
- Update System BIOS

- Change Date and Time
- Set Machine Unique Data
- System IDs

- Replicated Setup
- Save Customer Defaults
- Apply Custom Defaults and Exit
- Apply Factory Defaults and Exit
- Ignore Changes and Exit
- Save Changes and Exit

☐ Supress Post Errors

Item Specific Help

Help

BASIC SYSTEM INFORMATION

➡ Show Advanced System Information

Product Name	HP ProDesk 680 G4 MT
Processor 1	Intel(R) Pentium(R) Gold G5600 CPU @ 3.90GHz
Memory Size	4096 MB
System BIOS	R04 Ver. 00.21.00 08/22/2018

SERVICE ----------

Born On Date	00/00/0000
Serial Number	HCNW201022
SKU Number	Z0000AV
Universally Unique Identifier (UUID)	5EBCF09D-091A-98F6-ECCF-F16A02BAE708
Asset Tracking Number	HCNW201022

Item Specific Help

➡ Show Basic System Information

Product Name	HP ProDesk 680 G4 MT
Memory Size	4096 MB

PROCESSOR 1 ----------

ProcessorType	Intel(R) Pentium(R) Gold G5600 CPU @ 3.90GHz
Cache Size (L1/L2/L3)	126 KB / 512 KB / 4 MB
Processor Speed	3900 MHz
Processor Cores	2
MicroCode Revision	8E
Processor Stepping	B
Memory Speed	2400 MHz
DIMM1	4 GB Samsung
DIMM2	Empty
DIMM3	Empty
DIMM4	Empty

Next >>>

Item Specific Help

➡ Show Basic System Information

FIRMWARE ----------

System BIOS	R04 Ver. 00.21.00 08/22/2018
ME Firmware Version	12.0.7.1122
ME Firmware Mode	Enabled
Audio Controller	Conexant CX20632
Video BIOS Version	Intel(R) GOP Driver (9.0.1079)
Reference Code Revision	7.0.31.34
Embedded Controller Firmware Version	80.32.00
Super IO Firmware Version:	7.9.34

<<< Previous Next >>>

Item Specific Help

➡ Show Basic System Information

SERVICE ----------	
Born On Date	00/00/0000
Serial Number	HCNW201022
SKU Number	Z0000AV
Universally Unique Identifier (UUID)	5EBCF09D-091A-98F6-ECCF-F16A02BAE708
Asset Tracking Number	HCNW201022
Feature Byte	7QaE.e8
Build ID	15WWAAAT6aa#SABA#DABA
Product Family	103C_53307F HP ProDesk
System Board ID	8580
System Board CT Number	PHALBX2CYB6A2A
COMMUNICATION ----------	
Integrated MAC Address 1	10-E7-C6-29-41-36

<<< Previous

Item Specific Help

HP PC Hardware Diagnostics UEFI

Please select a Language.

- English
- Cestina
- Dansk
- Deutsch
- Nederlands
- Espanol
- eesti keel
- Suomi
- Francais
- Hrvatski
- Magyar

HP PC Hardware Diagnostics UEFI

Version 6.6.1.0

For more information and updates, please visit www.hp.com/go/techcenter/PCDiags.

System Information

System Tests

Component Test

Test Logs

Languages

Exit

Exiting...

Are you Sure?

Yes

No

BIOS Event Log

- View BIOS Event Log
- Export to USB Key
- Clear BIOS Event Log on Next Boot

Help

Item Specific Help

1. **Check HP.com for BIOS Updates**
   Checks for the latest BIOS release revision on the network, and lets the user decide whether to download the BIOS image and update System.

2. **Lock BIOS Version**
   If not selected, then BIOS updates are allowed, if selected then updates to BIOS are not allowed.

3. **Allow BIOS Updates Using a Network**
   Enable/Disable automatic BIOS updates through the network in a scheduled basis.

4. **BIOS Update Preferences**
   Sets the configurations to perform BIOS updates through the network.

5. **Network Configuration Settings**
   Configure network settings to be used for download and upload.

Export to USB Key

The file cannot be accessed. Please insert a USB Storage device and try again

OK

Help

View BIOS Event Log

Date	Time	Description
01/15/2019	23:37	90E-Power Supply Fan Not Detected
01/15/2019	22:44	90E-Power Supply Fan Not Detected
09/03/2018	03:14	90E-Power Supply Fan Not Detected
09/03/2018	03:04	90E-Power Supply Fan Not Detected
09/03/2018	03:04	90E-Power Supply Fan Not Detected
09/03/2018	03:03	90E-Power Supply Fan Not Detected
09/03/2018	03:03	90E-Power Supply Fan Not Detecteda

Help

Item Specific Help

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Update System BIOS

Current System BIOS Version:	R04 Ver. 00.21.00
Current BIOS Release Date:	08/22/2018
Installation Date of Current BIOS:	09/03/2018
Most Recent Update Check:	Never Checked

➡ Check HP.com for BIOS Updates 1

☐ Lock BIOS Version 2

BIOS Rollback Policy: Unrestricted Rollback to older BIOS

➡ Minimum BIOS Version

☐ Allow BIOS Updates Using a Network 3

➡ BIOS Update Preferences 4

➡ Network Configuration Settings 5

➡ Update System and Supported Devices Firmware Using Local Media

Help

Item Specific Help

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HP Computer Setup

Network Configuration Settings

- [ ] Proxy Server 1
- Edit Proxy Server
- Test Network Connection 2

IPv4 Configuration — Automatic 3

- IPv4 Address
- IPv4 Subnet Mask
- IPv4 Gateway

DNS Configuration — Automatic 4

- DNS Addresses

Data transfer timeout — 100 5

- [ ] Force HTTP no-cache 6

Help

Item Specific Help

1. **Proxy Server**
   Enable/Disable the use of a proxy server.

2. **Edit Proxy Server**
   Specify the Proxy Server Address and the Port Number through the common-use <server>:<port> notation.

3. **Test Network Connection**
   Check the network connection using current BIOS update configuration.
   Click on the field to see the options.

4. **IPv4 Configuration**
   Setup for static IPv4 address.
   Click on the field to see the options.

5. **DNS Configuration**
   Configure a list of DNS addresses.

6. **Force HTTP no-cache**
   Disable HTTP caching.

Test Network Connection Failed

An error has occurred with your network connection. Please see the error message below.

IPv4 Configuration: Automatic
IPv4 Address:
IPv4 Subnet Mask:
IPv4 Gateway:
DNS Configuration: Automatic
Primary DNS:
Secondary DNS:
MAC Address:

Current Proxy:
Current Customer Source URL: HP.com

Error: Could not detect network link or network cable is unplugged.

OK

Help

Configure Proxy Address

There is no Proxy URL Configured.

Provide the Proxy URL and (option) Port Number if your system is on a network that requires proxy access.

Examples:
proxy.host.com:8088
proxy.host.com
192.168.0.1:8088

Press ESC to CANCEL
Type the PROXY URL with optional Port Number and press ENTER or SAVE

Help

Configure IPv4 Address

There is no static IPv4 Address configured

Provide the static IPv4 Address if your systen needs manual network configuration.

Example:
192.202.145.23
192.168.0.48
192.3.78.200

Do not forget to configure the other items of IPv4 Configuration: IPv4 Subnet Mask and IPv4 Gateway

Press ESC to CANCEL
Type the IPv4 ADDRESS and press ENTER to SAVE

Help

Configure IPv4 Subnet Mask

There is no static IPv4 Subnet Mask address configured.

Provide the static IPv4 Subnet Mask address if your systen needs manual network configuration.

Example:
255.255.255.254
255.255.255.240
255.255.255.0

Do not forget to configure the other items of IPv4 Configuration: IPv4 Address and IPv4 Gateway

Press ESC to CANCEL
Type the IPv4 SUBNET MASK address and press ENTER to SAVE

Help

Configure IPv4 Gateway

There is no static IPv4 Gateway address configured.

Provide the static IPv4 Gateway address if your systen needs manual network configuration.

Example:
192.202.145.250
192.168.0.247
192.3.78.230

Do not forget to configure the other items of IPv4 Configuration: IPv4 Address and IPv4 Subnet Mask

Press ESC to CANCEL
Type the IPv4 GATEWAY address and press ENTER to SAVE

Help

Configure DNS Addresses

There is no DNS address configured.

Provide one or more DNS addresses if your systen is on a network that requires a DNS server.

Example:
192.168.0.245
192.5.43.250
192.67.9.220, 192.145.32.222, 192.8.39.247

Press ESC to CANCEL
Type the DNS SERVER ADDRESSES between commas and press ENTER to SAVE

Help

System BIOS Update

The system could not find one of the BIOS Update binary files. Please make sure the correct BIN file is located on the system hard drive or on removeble USB Key under the “HP\BIOS\New” folder or under the “EFI\HP\BIOS\New” folder.
It must also be placed under the “HP\BIOS\Previous” folder or under the “EFI\HP\BIOS\Previous” folder.

Try Again

Cancel

Help

Network BIOS Update

MS Windows Bitlocker Drive Encryption (BDE) may be enabled on your system.
HP requires that BDE be suspended temporarily before the BIOS is flashed and
that you obtain your BDE recovery password or recovery PIN before suspending BDE.
After the BIOS is updated, BDE can be resumed.

Continue Cancel

Help

Network BIOS Update

Esc Could not detect network link or network cable is unplugged

OK

30

Help

Minimum BIOS Version

Current Minimum BIOS Version 00.00.00

Minimum BIOS Version

Help

Main | Security | Advanced | UEFI Drivers

HP Computer Setup

BIOS Update Preferences

☐ Check for Update on Next Reboot 1

BIOS Source HP.com 2

➡ Edit Custom URL 3

Automatic BIOS Update Setting

Download and install normal BIOS updates automatically 4

BIOS Update Frequency Daily 5

Help

Item Specific Help

1. **Check for Update on Next Reboot**
   Enable/Disable an automatic BIOS check on next reboot.

2. **BIOS Source**
   Choose one of the available options.
   Click on the field to see the options.

3. **Edit Custom URL**
   Specify a custom BIOS update address.

4. **Automatic BIOS Update Setting**
   Choose one of the available options.
   Click on the field to see the options.

5. **BIOS Update Frequency**
   Choose one of the available options.

Configure Update Source

There is no custome URL Configured

BIOS Update source can be changed to a CUSTOM URL instead of HP.com.
This is only recommended for systems in a managed IT environment

Examples:
http://www.host.com/path
ftp://ftp.host.com/path
ftp://user:password@ftp.host.com/path
http://192.168.0.1/path

Press ESC to CANCEL
Type the CUSTOM URL for BIOS update checks via network and Press ENTER to SAVE

Help

Change Date And Time

Set Date (MM/DD/YYYY)	06 / 04 / 2018
Set Time (HH:MM):	29 : 53

Help

Item Specific Help

- Feature Byte
- Build ID
- Serial Number
- SKU Number
- Product Family
- System Board CT Number
- Product Name

Item Specific Help

Help

Feature Byte

Current Setting: 7QaE.e8

Help

Build ID

Current Setting: 15WWAAAT6aa#SABA#DABA

Press the space key followed by the enter key to clear current setting

Help

Serial Number

Current Setting: HCNW201022

Press the space key followed by the enter key to clear current setting

Help

SKU Number

Current Setting: Z0000AV

Press the space key followed by the enter key to clear current setting

Help

Product Family

Current Setting: 103C_53307F HP ProDesk

Press the space key followed by the enter key to clear current setting

Help

System Board CT Number

Current Setting: PHALBX2CYB6A2A

Press the space key followed by the enter key to clear current setting

Help

Product Name

Current Setting: HP ProDesk 680 G4 MT

Press the space key followed by the enter key to clear current setting

Help

System IDs

- Asset Tracking Number
- Ownership Tag

Item Specific Help

Help

Asset Tracking Number

Current Setting: HCNW201022

Press the space key followed by the enter key to clear current setting

Help

Ownership Tag

Current Setting:

Press the space key followed by the enter key to clear current setting

Help

Replicated Setup

- Backup current settings to USB device
- Restore current settings from USB device

Help

Item Specific Help

Replicated Setup

The file cannot be accessed. Please insert a USB storage device and try again

OK

Help

Replicated Setup

The file cannot be accessed. Please insert a USB storage device and try again

OK

Help

Are you sure you want to save your current settings as custom defaults

- YES
- NO

Item Specific Help

Help

Main | Security | Advanced | UEFI Drivers

HP Computer Setup

Administrator Tools

➡ Create BIOS Administrator Password 1

➡ Create POST Power-On Password

➡ Password Policies

Security Configuration

➡ TPM Embedded Security

☐ Physical Presence Interface 2

Intel Software Guard Extension (SGX) Sofware control 3

Utilities

➡ Hard Drive Utilities

Absolute® Persistence Module Current State

Activation Status : Inactive

Absolute® Persistence Module Permanent Disable : No

☐ System Management Command

➡ Restore Security Settings to Factory Defaults

Help

Item Specific Help

1. Create BIOS Administrator Password
The Administrator password controls access to the following features:

- Setup Menu (F10)
- 3rd Party Option ROM Management (F3)
- Update System ROM
- WMI Commands that change system settings
- BIOS Configuration Utility (BCU)
- Alternative Power-On Password

2. Physical Presence Interface
When this feature is set to “Enable”, then the user is notified on system power up when changes are made to system security policy, and the user must manually agree to those changes before the change is confirmed.

3. Intel Software Guard Extensions (SGX)
Enable/Disable Software Guard Extensions (SGX).

BIOS Administrator Password

Enter BIOS Administrator Password

Help

POST Power-On Password

Enter POST Power-On Password

Help

Password Policies

- [ ] At least one symbol is required in Administrator and User password
- [ ] At least one number is required in Administrator and User password
- [ ] At least one upper case character is required in Administrator and User password
- [ ] At least one lower case character is required in Administrator and User password
- [ ] Are spaces allowed in Administrator and User password?

Clear Password Jumper: Honor

- [ ] Prompt Admin password on F9 (Boot Menu)
- [ ] Prompt Admin password on F11 (System Recovery)
- [ ] Prompt Admin password on F12 (Netword Boot)
- [ ] Prompt Admin password on Capsule Update

Help

TPM Embedded Security

TPM Specification Version	2.0
TPM Device	Available (1)
TPM State (2)	
Clear TPM	No
TPM Activation Policy	Allow user to reject

Help

Item Specific Help

1. TPM Device
Exposes the integrated Trusted Platform Module (TPM) for use.
Click on the field to see the options.

TPM State
Enables the integrated Trusted Platform Module (TPM).

Secure Platform Management (SPM)

HP Sure Run Current State: Inactive
➡ Deactivate HP Sure Run

SPM Current State: Not Provisioned
➡ Unprovisioned SPM

Item Specific Help

Hard Drive Utilities

- [ ] Save/Restore GPT of System Hard Drive (1)

Save/Restore GPT of the system hard drive is only available with drives that have a GUID Partition Table.

Boot Sector (MBR/GPT) Recovery Policy

➡ DriveLock/Automatic DriveLock — Local user control

➡ Secure Erase

- [ ] Allow OPAL Hard Drive SID Authentication

Help

Item Specific Help

1. **Save/Restore GPT of System Hard Drive**
   Enabling this feature will save the GUID Partition table (GPT) of the system Hard Drive. If the GPT is subsequently changed the user will he prompted to choose whether to restore GPT.

Select a Drive

SATA0: TOSHIBA-MQ011ACF050

Help

Item Specific Help

Secure Erase

This operation will erase all data on the hard drive. Please make sure the computer is connected to AC power during this process.

Continue

Abort

Help

DriveLock Security Options

- [ ] Automatic DriveLock 1
- Set DriveLock Master Password 2
- Enable DriveLock 3

The DriveLock Master and User passwords cannot be changed if you enable Automatic DriveLock or it was already enabled

Help

Item Specific Help

1. **Automatic DriveLock**
   In Automatic DriveLock, your BIOS Administrator password is the DriveLock Master password, and the BIOS generates the DriveLock User Password. If you enable Automatic DriveLock on a drive, you will need to use your BIOS Administrator password to unlock the drive if it is placed in another system.

2. **Set DriveLock Master Password**
   Sets the drive's Master password, but it does not enable DriveLock.

3. **Enable DriveLock**
   Sets the drive's User password and enabls DriveLock.

DriveLock Security Options

- ☐ Automatic DriveLock 1
- ➡ Set DriveLock Master Password 2
- ➡ Enable DriveLock 3

Help

Item Specific Help

1. **Automatic DriveLock**
   In Automatic DriveLock, your BIOS Administrator password is the DriveLock Master password, and the BIOS generates the DriveLock User Password. If you enable Automatic DriveLock on a drive, you will need to use your BIOS Administrator password to unlock the drive if it is placed in another system.

2. **Set DriveLock Master Password**
   Sets the drive's Master password, but it does not enable DriveLock.

3. **Enable DriveLock**
   Sets the drive's User password and enabls DriveLock.

Select a Drive

Item Specific Help

Help

Set DriveLock Password

Please exercise caution when using DriveLock.
Losing the passwords will render a drive premanently unusable.

Please be aware these settings take place immediately: save not necessary.

Enter DriveLock Master Password.

Help

Set DriveLock User Password

Please exercise caution when using DriveLock.
Losing the passwords will render a drive premanently unusable.

Please be aware these settings take place immediately: save not necessary.

Enter DriveLock User Password.

Help

Restore Security Settings to Factory Defaults

Are you sure you want to restore security settings to default?

- YES
- NO

Help

- Display Language
- Scheduled Power-On

- Boot Options
- Secure Boot Configuration
- System Options
- Built-In Device Options
- Port Options 1
- Option ROM Launch Policy
- Power Management Options
- Remote Management Options

Remote HP PC Hardware Diagnostics

- Settings 2
- Execute Remote HP PC Hardware Diagnostics 3

Help

Item Specific Help

1. **Port Options**
   Enable/Disable Port Settings.

2. **Settings**
   Set the configuration for Remote HP PC Hardware Diagnostics, including the URLs used for download and upload, the scheduled execution frequency, etc.

3. **Execute Remote HP PC Harware Diagnostics**
   Immediate execution of Remote HP PC Hardware Diagnostics based on the configurations in Settings options. Note that any unsaved BIOS settings are lost.

Display Language

Select Language	English
Select Keyboard Layout	English

Item Specific Help

Help

Scheduled Power-On

- [ ] Sunday 1
- [ ] Monday 1
- [ ] Tuesday 1
- [ ] Wednesday 1
- [ ] Thursday 1
- [ ] Friday 1
- [ ] Saturday 1

Hour 0
Minute 0

Help

Item Specific Help

1. Sunday
Enable the days of the week to turn the system on. This feature wakes the system up from a powered off state.

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HP Computer Setup

Boot Options

Startup Delay (sec.) 0

- [ ] Fast Boot
- [ ] CD-ROM Boot
- [ ] USB Storage Boot
- [ ] Network (PXE) Boot

After Power Loss Power Off 1

- [ ] Prompt on Memory size change
- [ ] Prompt on Fixed Storage Change
- [ ] Audio Alerts During Boot
- [ ] NumLock on at boot
- [ ] UEFI Boot Order

SATA0: TOSHIBA MQ01ACF050
SATA CD: hp HLDS DVDROM DUDON
NETWORK BOOT: IPV4 Network - Intel(R) Ethernet Connection (7) 1219-LM
NETWORK BOOT: IPV6 Network - Intel(R) Ethernet Connection (7) 1219-LM

- [ ] Legacy Boot Order

SATA0: TOSHIBA MQ01ACF050
SATA CD: hp HLDS DVDROM DUDON

Help

Item Specific Help

1. After Power Loss
Determine the system's state after power is lost to the unit.

Secure Boot Configuration

Configure Legacy Support and Secure Boot: Legacy Support Enable and Secure Boot Dis

Secure Boot Key Management

- [ ] Import Custom Secure Boot keys (This selection will disable secure boot)
- [ ] Clear Secure Boot keys
- [ ] Reset Secure Boot keys to factory defaults
- [ ] Enable MS UEFI CA key

Ready BIOS for Device Guard Use: Do nothing

Requires BIOS Administrator credentials to be configured and Secure Boot to be enabled.

Item Specific Help

Help

Main | Security | Advanced | UEFI Drivers

HP Computer Setup

System Options

- [ ] Configure Storage Controller for Intel Optane
- [ ] Hyperthreading 1
- [ ] Multi-processor
- [ ] Virtualization Technology (VTx)
- [ ] Virtualization Technology for Directed I/O (VTd)
- [ ] PCI Express x16 Slot 1 2
- [ ] PCI Express x1 Slot 1 3
- [ ] PCI Express x4 Slot 1 4
- [ ] PCI Slot 1 5
- [ ] M.2 WLAN/BT 6
- [ ] M.2 SSD 7
- [ ] Allow PCIe/PCI SERR# Interrupt

Power Button Protection: 4 sec

Help

Item Specific Help

1. **Hyperthreading**
   Permits the user to control the processor capability.

2. **PCI Express x 16 Slot 1**
   Hides the slot from the OS.

3. **PCI Express x 1 Slot 1**
   Hides the slot from the OS.

4. **PCI Express x 4 Slot 1**
   Hides the slot from the OS.

5. **PCI Slot 1**
   Hides the slot from the OS.

6. **M.2 WLAN/BT**
   Hides the slot from the OS.

7. **M.2 SSD**
   Hides the slot from the OS.

Enable High Resolution Mode

All USB devices in a dock will connect at USB2 speeds and the Gigabit NIC will experience reduced performance when High Resolution mode is enabled

Accept

Cancel

TURBO BOOST ON DC SUPPORT

To maximize battery life and reduce thermal impacts to the computer, HP does not recommand enabling this option when the computer is operating on DC. This option is automatically enabled on AC.

Accept

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

HP Computer Setup

Built-In Device Options

Video memory size: 32 MB

- [ ] Audio Device (1)
- [ ] Microphone
- [ ] Internal Speakers
- [ ] Headphone Output
- [ ] Wake on Voice (WoV)
- [ ] Wireless Network Device (WLAN)
- [ ] Bluetooth

HP LAN-Wireless Protection

- [ ] LAN/WLAN Auto Switching

- [ ] Fan Always on while on AC Power
- [ ] Boost Converter

Backlit keyboard timeout: 5 secs.

- [ ] Automatic Keyboard Backlit
- [ ] Force enable HP Sure View
- [ ] Intergrated Camera
- [ ] Fingerprint Device
- [ ] Touch Device
- [ ] NFC

Disable battery on next shut down (2)

Help

Item Specific Help

1. Audio Device
Hides the audio device from the OS.

2. Disable battery on next shut down
Set this item to 'Next shut down' to disconnect the battery. This is to maintain battery life in situations where the system will not be used for long periods of time. Once in this state, AC power must be disconnected and reconnected to turn the system back on.

Port Options

- [ ] Left USB Ports 1
- [ ] Right USB Ports 2
- [ ] USB Legacy Port Charging 3

Disable Charging Port
in sleep/off if battery below (%): ▲ ▼ 10
UP/DOWN = Change Settings, ESC = Cancel, ENTER = Accept X ✓

- [ ] Thunderbolt Type-C Ports
- [ ] Thunderbolt Mode 4
- [ ] Require BIOS PW to change Thunderbolt Security Level

Thunderbolt Security Level: PCIe and DispalyPort - No Security

Thunderbolt function is disabled due to Thunderbolt Type-C Ports or Thunderbolt Mode disabled

- [ ] Native PCIe Hot plug

Thunderbolt S4 Boot is disabled due to Native PCIe Hot plug enabled

Help

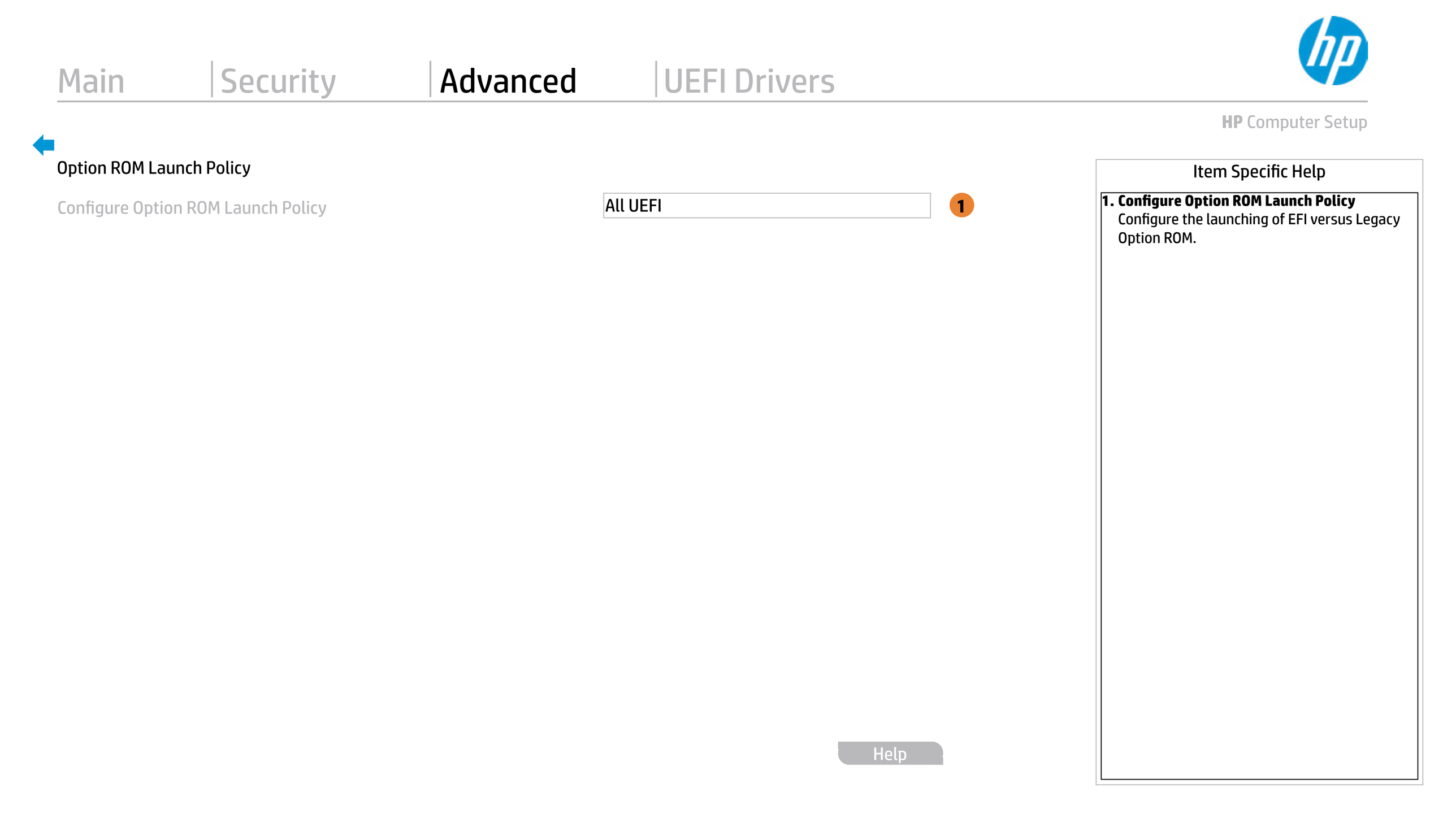
Item Specific Help

1. Left USB Ports
Hides the left USB ports from the OS.

2. Right USB Ports
Hides the right USB ports from the OS.

3. USB Legacy Port Charging
Enable USB Charging port for charging capability when system Hibernate/Shutdown.

4. Thunderbolt Mode
When Thunderbolt Mode is disabled, only DisplayPort and USB Type-C devices will function on the Thunderbolt Port.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HP Computer Setup
Option ROM Launch Policy
Configure Option ROM Launch Policy
All UEFI
1
Help
Item Specific Help
1. Configure Option ROM Launch Policy
Configure the launching of EFI versus Legacy Option ROM.

Power Management Options

- [ ] Runtime Power Management 1
- [ ] Extended Idle Power States 2
- [ ] Deep Sleep
- [ ] Power control

Battery Health Manger: Maximize my battery health 3

HP will balance your battery health and battery duration.

Help

Item Specific Help

1. **Runtime Power Management**
   Enables Runtime Power Management.

2. **Extended Idle Power States**
   Increases the OS's Idle Power Savings.

3. **Options**
   "Maximize my battery health": Your Battery will always charge to 100% to maximize your battery duration. This may shorten your battery lifespan. "Let HP manage my battery charging": HP will balance your battery health and battery duration. "Maximize my battery duration": Your battery will always charge to 100% to maximize your battery duration. This may shorten your battery lifespan.

Main | Security | Advanced | UEFI Drivers

HP Computer Setup

Item Specific Help

Remote Management Options

- [ ] Active Management (AMT)
- [ ] USB Key Provisioning Support
- [ ] USB Redirection Support

Unconfigure AMT on next boot: Apply (1)

SOL Terminal Emulation Mode: ANSI

- [ ] Show unconfigure ME Confirmation Prompt
- [ ] Verbose Boot Messages
- [ ] Watchdog Timer (2)

OS Watchdog Timer (min.): 5 (3)

BIOS Watchdog Timer (min.): 5 (4)

CIRA Timeout (min.): 1 min (5)

Item Specific Help

1. **Unconfigure AMT on next boot**
   Perform AMT/ME unconfigure without password operation.

2. **Watchdog Timer**
   Enable/Disable WatchDog Timer.

3. **OS watchdog Timer (min.)**
   set OS Watchdog timer (Minutes).

4. **BIO Watchdog Timer (min.)**
   Set BIOS watchdog timer (minutes).

5. **CIRA Timeout (min.)**
   Set CIRA Timeout (Minutes).

Configure Factory/System MAC Address

Current Factory : B4-B6-86-2B-76-C9
Current System : B4-B6-86-2B-76-C9

Examples:
1234567890AB
12-34-56-78-90-AB
Writes blank to clear the MAC address
The Second Byte must be even digit, either 0, 2, 4, 6, 8, A, C or E

Press ESC to CANCEL
Type the System MAC Address and press ENTER to SAVE

Help

Remote HP PC Hardware Diagnostics

Diagnostics Download URL — HP.com (1)

➡ Custom Download Address (2)

Diagnostics Logs Upload URL

➡ Custom Upload Address (3)

➡ Username (4)

➡ Password (5)

Scheduled Execution — Disable (6)

Frequency — Daily (7)

Execute On Next Boot — Disable (8)

HP PC Hardware Diagnostics will be downloaded and executed once on the next boot

➡ Last Execution Result

Help

Item Specific Help

1. **Diagnostics Download URL**
   Select between HP server URL and a custom server URL.
2. **Custom Download Address**
   Configure a URL for HP PC Hardware Diagnostics download.
3. **Custom Upload Address**
   Configure a URL for diagnostics logs upload.
4. **Username**
   Configure the username for uploading diagnostics logs to the server, if authentication is required.
5. **Password**
   Configure the password for uploading diagnostics logs to the server, if authentication is required.
6. **Scheduled Execution**
   Enable/disable the scheduled execution of Remote HP PC Hardware Diagnostics.
7. **Frequency**
   Select the frequency for scheduled execution of Remote HP PC Hardware Diagnostics.
8. **Execute On Next Boot**
   Enable/disable the execution on next boot. The flag will be disabled after the diagnostics have run.

Custom Download URL

There is no Custom Download URL configured.
Type a new Custom Dowwnload URL and press ENTER to save.
Press ESC to CANCEL

Help

Custom Upload URL

There is no Custom Download URL configured.
Type a new Custom Download URL and press ENTER to save.
Press ESC to CANCEL

Help

Custom Server Username

There is no Username configured.
Type a new Username and press ENTER to save.
Press ESC to CANCEL

Help

Remote HP PC Hardware Diagnositics Results

Remote HP PC Hardware Diagnostics was never executed.

Help

Custom Server Password

There is no Upload Server Password configured.
Type a new Upload Server Password and press ENTER to save.
Press ESC to CANCEL

Help

Remote HP PC Hardware Diagnositics Execution

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

Help

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.

➡ 3rd Party Options ROM Management

Help

Item Specific Help