Interactive BIOS simulator

HP ZBook 15 G5

Welcome to the interactive BIOS simulator for the
HP ZBook 15 G5

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   Advanced   UEFI Drivers

HP Computer Setup

Item Specific Help

☐ Supress Post Errors

Help

BASIC SYSTEM INFORMATION

Item Specific Help

Product Name	HP ZBook 15 G5
Processor 1	Intel(R) Xeon(R) E-2176M CPU @ 2.60GHz
Memory Size	32768 MB
System BIOS	Q70 Ver. 80.35.01 03/01/2018

SERVICE ---

Born On Date	06/04/2018
Serial Number	5CD8099MKJ
SKU Number	XW25KU1#ABA
Universally Unique Identifier (UUID)	DC21F018-9328-7480-0E07-58C381E30785
Asset Tracking Number	5CD8099MKJ

Main

Item Specific Help

Product Name	HP ZBook 15 G5
Memory Size	32768 MB

PROCESSOR 1 --

ProcessorType	Intel(R) Xeon(R) E-2176M CPU @ 2.60GHz
Cache Size (L1/L2/L3)	384 KB / 1536KB / 9 MB
Processor Speed	2600 MHz
MicroCode Revision	84
Processor Stepping	A
Memory Speed	2400 MHz
Top-Slot 1(left)	8 GB Samsung
Top-Slot 2(right)	8 GB Samsung
Bottom-Slot 1(left)	8 GB Samsung
Bottom-Slot 2(right)	8 GB Samsung

FIRMWARE --

System BIOS	Q70 Ver. 80.35.01 03/01/2018
ME Firmware Version	12.0.0.1052
ME Firmware Mode	Enabled
Video BIOS Version	AMD BR01198.001
Reference Code Revision	7.0.1C.58
Embedded Controller Firmware Version	15.1A.15
USB Type-C Controller(s) Firmware Version:	
	CCG5 : 6.12.0

Main

```
SERVICE ------------------------------------------------------------------------------------
Born On Date                                    06/04/2018
Serial Number                                   5CD8099MKJ
SKU Number                                      XW2SKU1#ABA
Universally Unique Identifier (UUID)            DC21F018-9328-7480-0E07-58C381E30785CC92324DA986
Asset Tracking Number                           0009280052
Feature Byte                                    3X476J6S6b7B7M7R7U7W7m7saBapaqauawb8bhcAdudpdggdhK.F4
Build ID                                        18WWWAVA6av#SABA#DABA
Product Family                                  103C_5336AN HP ZBook 15
System Board ID                                 842A
System Board CT Number                          PXW2WAH8JAG03J
Primary Battery Serial Number                   00648  2018/02/23
```

HP Computer Setup

Item Specific Help

COMMUNICATION --
Integrated MAC Address 1   80-CE-62-44-8D-FA

Help

HP PC Hardware Diagnostics UEFI

Please select a Language.

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 Tests

Component Test

Test Logs

Languages

Exiting...

Are you Sure?

No

Main

Update System BIOS

Current System BIOS Version: Q70 Ver. 80.35.01
Current BIOS Release Date: 03/01/2018
Installation Date of Current BIOS: 03/06/2018
Most Recent Update Check: Never Checked

---a

(1)

Lock BIOS Version **(2)**

BIOS Rollback Policy   **(3)**

Allow BIOS Updates Using a Network **(4)**

(5)

(6)

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. *Click on the field to see the options.*

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

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

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

Main

Network Configuration Settings

Proxy Server **1**

➡ Edit Proxy Server
2

IPv4 Configuration

➡ IPv4 Address

➡ IPv4 Subnet Mask

➡ IPv4 Gateway

DNS Configuration

➡ DNS Addresses

100 **5**

Data transfer timeout

Force HTTP no-cache **6**

3

4

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.

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.

Help

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.

Help

Could not detect network link or network cable is unplugged

30

Help

Minimum BIOS Version

Current Minimum BIOS Version 00.00.00

Minimum BIOS Version

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.

Help

Main

BIOS Update Preferences

Check for Update on Next Reboot **1**

BIOS Source **2**

3

Automatic BIOS Update Setting

4

BIOS Update Frequency **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

Main

Change Date And Time

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

Item Specific Help

Help

HP Computer Setup

Item Specific Help

Help

Feature Byte

Current Setting: 3X476J6S6b7B7M7R7U7W7m7saBapaqauawb8bhcAdudpdggdhK.F4

Build ID

Current Setting: 18WWWAVA6av#SABA#DABA

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

Help

Serial Number

Current Setting: 5CD8099MKJ

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

Help

SKU Number

Current Setting: XW2SKU1#ABA

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

Help

Product Family

Current Setting: 103C_5336AN HP ZBook 15

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

System Board CT Number

Current Setting: PXW2WAH8JAG03J

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

Help

Product Name

Current Setting: HP ZBook 15 G5

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

Help

System IDs

Item Specific Help

Help

Asset Tracking Number

Current Setting: 5CD8099LWG

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

Item Specific Help

Help

Replicated Setup

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

Help

Replicated Setup

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

Help

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

Item Specific Help

Help

Administrator Tools

1

Finger print Reset on Reboot

Security Configuration

Physical Presence Interface **2**

Trusted Execution Technology (TXT)

Intel Software Guard Extension (SGX) **3**

Utilities

Absolute® Persistence Module Current State

Activation Status : Inactive

Absolute® Persistence Module Permanent Disable : No

System Management Command

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 con-
  firmed

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

BIOS Administrator Password

Enter BIOS Administrator Password

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?

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   **1**

    TPM State   **2**

Clear TPM

TPM Activation Policy

Help

BIOS Sure Start

    Verify Boot Block on every boot

BIOS Data Recovery Policy

    Dynamic Runtime Scanning of Boot Block

    Sure Start BIOS Settings Protection **(1)**

    Sure Start Secure Boot Keys Protection

    Enhanced HP Firmware Runtime Intrusion Prevention and Detection **(2)**

Sure Start Security Even Policy **(3)**

Sure Start Security Event Boot Notification

1. Sure Start BIOS Settings Protection
When enabled, HP Sure Start will lock all critical BIOS settings and provide enhanced protection for these settings via the HP Sure Start non-volatile (flash) memory

- The BIOS administrator credentials must be set to enable this setting
- See HP Sure Start documentation for details on which BIOS settings are protected

2. Enhanced HP Firmware Runtime Intrusion Prevention and Detection
- Enables monitoring of HP system firmware executing out of main memory while the user Operating System is running.
- Any anomalies detected in HP System firmware that is active while the user operating system is running will result in a Sure Start Security Event being generated.
Click on the field to see the options.

3. Sure Start Security Event Policy
This setting controls HP Sure Start behavior upon identifying a critical security event (any modification to HP firmware) during OS runtime.
- Log event only - HP Sure Start will log all critical security events m the HP Sure Start Audit log within the HP Sure Start non-volatile (flash) memory
- Log Event and notify user: In addition to logging all critical security events. HP Sure Start will notify the user within thr operating system that a critical event has occurred
- Log Event and power off system: In addition to logging all critical events. HP Sure Start will power off the system upon detecting a HP Sure Start Security Event. Due to the potential for data loss, use of this setting is only recommended in situations where security integrity of the system is a higher priority than the risk of potential data loss

Help

WARNING

Warning! Manual recovery is intended only for situations where forensic analysis is desired before HP SureStart recovery. When this policy is configured to manual, HP SureStart will not correct any issues that are found until the Manual recovery key sequence is input by the local user. This can result in a system that is unable to boot until after inputting the manual recovery key sequence.

Help

Secure Platform Management (SPM)

HP Sure Run Current State: Inactive

SMP Current State: Not Provisioned

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 con-
firmed

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

Help

Hard Drive Utilities

Save/Restore MBR of the system hard drive is only available with drives that have a Master Boot Record.

Save/Restore GPT of System Hard Drive **1**

Boot Sector (MBR/GPT) Recovery Policy

Allow OPAL Hard Drive SID Authentication

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.

Help

Select a Drive

1

Help

Item Specific Help
1. SATA: ST2000LM007-1R8174
  Set HDD Password

HP Computer Setup

Select a Drive

Item Specific Help

SATA1: ST2000LM007-1RF8174 (Drive is Locked)

➡ M.2: KXG50ZNV256G TOSHIBA-Y7AS10EXTP4T

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.
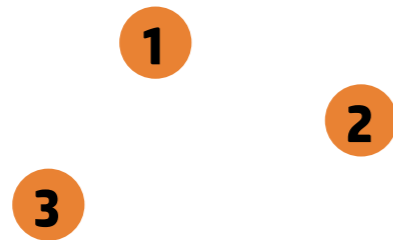
Continue

Help

HP Computer Setup

DriveLock Security Options

(1)

(2)

(3)

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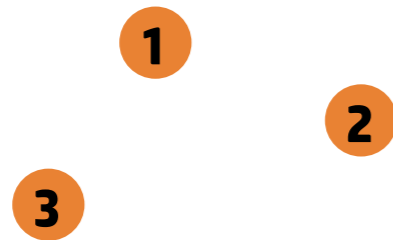
2. Set DriveLock Master Password
Sets the drive's Master password, but it does not enable DriveLock.

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

Help

DriveLock Security Options

①

②

③

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

Item Specific Help

1. **Automatic DriveLock**
   In Automatic DriveLock, your BIOS Admin-
   istrator password is the DriveLock Master
   password, and the BIOS generates the Drive-
   Lock 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.

Help

DriveLock Security Options

The hard drive's security state cannot be changed.

Cycle power to mange DriveLock on this drive.

Item Specific Help

1. Automatic DriveLock
In Automatic DriveLock, your BIOS Admin-istrator password is the DriveLock Master password, and the BIOS generates the Drive-Lock 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.

Help

Item Specific Help

DriveLock Security Options

The hard drive's security state cannot be changed.
Cycle power to manage DriveLock on this drive.

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?

Help

HP Computer Setup

1

Remote HP PC Hardware Diagnostics

2

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.

Item Specific Help

Display Language

Select Language

Select Keyboard Layout

Help

Scheduled Power-On

Sunday **1**

Monday **1**

Tuesday **1**

Wednesday **1**

Thursday **1**

Friday **1**

Saturday **1**

Hour   0
Minute   0

Help

Boot Options

Startup Delay (sec.)
    Fast Boot
    USB Storage Boot
    Network (PXE) Boot
    Power On When AC Detected
    Power On When Lid is Opened
    Prompt on Battery Errors
    Prompt on Memory Size Change
    Prompt on Fixed Storage Change
    Audio Alerts During Boot
    NumLock on at boot
    UEFI Boot Order

        M.2 SSD 2: Windows Boot Manager
        USB: (Disabled)
        M.2 SSD 1: KXG50ZNV256G TOSHIBA-Y7AS10E0TP4T
        SATA1: ST2000LM007-1R8174

    Legacy Boot Order

USB (Disabled)
SATA1: ST2000LM007-1R9184
M.2 SSD 1: KXG50ZNV256G TOSHIBA-Y7AS10E0TP4T
M.2 SSD W: KXG50ZNV256G TOSHIBA-Y7AS10E0TP4T
NETWORK BOOT: Intel Corporation: IBA CL Slot 00FE V0113A

Item Specific Help

Help

HP Sure Recover

    HP Sure Recover **1**
    Recover from Network **2**
    Recover after Boot Failure **3**
    Prompt before Boot Failure Recovery **4**

Recover Agent
URL: ftp://ftp.hp.com/pub/pcbios/CPR
Username:
Provisioning Version: 0

Recovery Image
URL:
Username:
Provisioning Version: 0

Item Specific Help

1. HP Sure Recover
If this setting is enabled, the system firmware will honor local and remote requests to reinstall the OS. If it is disabled, all requests to reinstall the OS will be ignored.

2. Recover from Network
If this setting is enabled, the system firmware will obtain the recovery agent from the network. Otherwise, the system firmware will obtain the recovery agent from a local drive.

3. Recover after Boot Failure
If this setting is enabled and no bootable UEFI OS is found, the system firmware will launch HP Sure Recover.

4. Prompt before Boot Failure Recovery
If this settings is enabled and a no bootable UEFI OS is found, the user is notified of the boot failure and asked to choose whether to start or cancel HP Sure Recover.

Help

Item Specific Help

Secure Boot Configuration

Configure Legacy Support and Secure Boot

Secure Boot Key Management
    Import Custom Secure Boot keys
    Clear Secure Boot keys
    Reset Secure Boot keys to factory defaults
    Enable MS UEFI CA key
  Access to the above settings requires Sure Start Secure Boot Keys Protection to be disabled
Ready BIOS for Device Guard Use

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

Help

System Options

Configure Storage Controller for RAID
Configure Storage Controller for Intel Optane
Turbo-Boost
Hyperthreading   **1**
Multi-processor
Hyperthreading and Multi-processor has been enabled and grayed out because Deep slepp is set to ON
Virtualization Technology (VTx)
Virtualization Technology for Directed I/O (VTd)
POST Prompt for RAID Configuration
Fast Charge
USB Type-C Connector System Software Interface (UCSI)
Swap Fn and Ctrl (Keys)
Launch Hotkeys without Fn Keypress
Dynamic Platform and Thermal Framework (DPTF)
Power Slider Plus
HP Application Driver

Item Specific Help

1. Hyperthreading
  Permits the user to control the processor capa-
  bility

Help

Optane Disable Warning

WARNING: To avoid data loss or Windows OS corrution, do NOT disable this setting until Optain Memory is disabled in the Intel Rapid Storage Technology software:

1. In Windows start the Intel Rapid Storage Technology (RST) application.
2. Go to 'Intel Optane Memory' or 'Status' page.
3. Select 'dsiable' then reboot

Refer to 'System Acceleration with Intel Optane Memory' in th RST 'Help' page fir more infor-mation. See also www.intel.com Acrticle ID: 000023989, User and Installation Guide for Intel Optane Memory

Help

HP Computer Setup

Built-In Device Options
      Embedded LAN Controller
   Wake On LAN
   Video memory size
   Graphics
      Audio Device **2**

      Microphone

      Internal Speakers

      Headphone Output

      Lock Wireless Button
      WWAN Quick Connect
      Wireless Network Device (WLAN)

      Bluetooth

      Mobile Network Device (WWAN) and GPS Combo Device

HP LAN-Wireless Protection
      LAN/WLAN Auto Switching
      LAN/WWAN Auto Switching
      Wake on WLAN
      Wake on LAN in Battery Mode
      Fan Always on while on AC Power
      Boost Converter
   Backlist keyboard timeout
      Integrated Camera
      Fingerprint Device
      Touch Device
      NFC
   Disable battery on next shut down

1

Help

Port Options

    Media Card Reader
    Left USB Ports **1**
    Left USB Port 1 **2**
    Left USB Port 2 **2**
    Right USB Ports **2**
    USB Legacy Port Charging **3**

Disable Charging Port
in sleep/off if battery below (%):   10
    Smart Card
    Smart Card Power Savings
    Thunderbolt Type-C Ports
    Thunderbolt Mode
    Requires BIOS PW to change Thunderbolt Security Level

Thunderbolt Security Level
    Native PCIe Hot plug

Thunderbolt S4 Boot is disabled due to Native PCIe Hot plug enabled
    M.2 SSD 1 **4**
    M.2 SSD 2 **4**
    SATA 1 **5**

Restrict USB Devices

Item Specific Help

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

2. Left USB Port 1
    Enables individual legacy or Type-C USB port.
    On Desktop platforms, ports are typically num-
    bered bottom to top, then left to right when in
    horizontal orientation. On Notebook platforms,
    Ports are typically numbered front to rear.

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

4. M.2.SSD
    Hides the SATA port from the OS

5. SATA
    Hides the SATA port from the OS

Help

Port Options

    Media Card Reader
    Left USB Ports **1**
    Left USB Port 1 **2**
    Left USB Port 2 **2**
    Right USB Ports **2**
    USB Legacy Port Charging **3**

no   yes

    Smart Card
    Smart Card Power Savings
    Thunderbolt Type-C Ports
    Thunderbolt Mode
    Requires BIOS PW to change Thunderbolt Security Level
Thunderbolt Security Level
    Native PCIe Hot plug
Thunderbolt S4 Boot is disabled due to Native PCIe Hot plug enabled
    M.2 SSD 1 **4**
    M.2 SSD 2 **4**
    SATA 1 **5**

Restrict USB Devices

Item Specific Help

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

2. Left USB Port 1
   Enables individual legacy or Type-C USB port.
   On Desktop platforms, ports are typically num-
   bered bottom to top, then left to right when in
   horizontal orientation. On Notebook platforms,
   Ports are typically numbered front to rear.

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

4. M.2.SSD
   Hides the SATA port from the OS

5. SATA
   Hides the SATA port from the OS

Help

Option ROM Launch Policy

Configure Option ROM Launch Policy   **1**

Help

HP Computer Setup

Power Management Options

Runtime Power Management **1**

Extended Idle Power States **2**

Wake when Lid is Opened

Wake when AC is Detected

Power control

Item Specific Help

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

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

Help

Remote Management Options

Active Management (AMT)

USB Key Provisioning Support

USB Redirection Support

Unconfigure AMT on next boot ①

SOL Terminal Emulation Mode

Show unconfigure ME Confirmation Prompt

Verbose Boot Messages

Watchdog Timer ②

OS Watchdog Timer (min.)

BIOS Watchdog Timer (min.)

CIRA Timeout (min.) ③

Help

Electronic Labels

Contains Intel Radio Model: 9560D2W
Contains FCC ID: PD99560D2   IC:0000X-0000XX   CMIIT ID: 2017AJ7598
SCT:XXXXX0000-0000   Contiene Módulo CNC ID:C-00000

XXXX00XX0000X0

MSIP-CRM-XXX-0000XXX   ANATEL 00000-00-00000   XX-0000/0000 APPROVED

Complies with IMDA Standards DB 02941
R 000-000000
T D00000000
5GHz帯は屋内使用に限定されます

Contains Fibocom Model: L850-GL
FCC ID: ZMOL850GL   IC:21374-L850GL   CMIIT ID: 2017CP2734
IFT ID: RTIFIL817-0580   Contiene Módulo CNC ID: H-17796

CCAI17Z10060T2   CE

MSIP-CRM-FOB-L850-GL   ANATEL 04563-17-09038   NTC Type Approved ESD-CPE-1703252

Complies with IMDA Standards DA103787
Class B
NTC ID:xxxxxxx-xx-xxxx

TRA REGISTERED NO: ER53983/17
DEALER NO: DAS9080/16

Contains WNC Model : XRAV-1   Contiene Módulo CNC ID: H-17374
Contains FCC ID: NKR-XRAV1
IC: 4441A-XRAV1
Z571 (R-NZ only)

CCAF16LP1450T0

ANATEL 05409-17-07974   CE   TA-2016/2503 APPROVED

MSIP-CRM-WM5-XRAV-1   Complies with IMDA Standards N-4270-16

筆記型電腦 / 便携式计算机   型号 : HP ZBook 15 G5
RMN / 規定型號 / 规定型号: HSN-Q13C
www.hp.com   Made in China   中國製造/中国制造

SI/PV TEST ONLY

Help

MAC Address Pass Through

Host Based MAC Address

Reduce Embedded LAN Address **1**

Item Specific Help

1. Reuse Embedded LAN Address
   Reuse embedded LAN's MAC address instead of System or Custom

Help

Configure Factory/System MAC Address

Current Factory : <u>10-E7-C6-D6-9D-48</u>
Current System : <u>10-E7-C6-D6-9D-48</u>

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

Thunderbolt Options

Thunderbolt Mode **1**

Require BIOS PW to change Thunderbolt Security Level

Thunderbolt Security Level

Item Specific Help

1. Thunderbolt Mode
   When Thunderbolt Mode is disabled, only DisplayPort and USB Type C devices will function on the Thunderbolt Port

Help

Remote HP PC Hardware Diagnostics

Diagnostics Download URL ①

Diagnostics Logs Upload URL

②

③

④

Scheduled Execution

Frequency ⑤

Execute On Next Boot ⑥

Help

Item Specific Help

1. Diagnostics Download URL
   Select between HP server URL and a custom server URL.

2. Custom Upload Address
   Configure a URL for diagnostics logs upload.

3. Username
   Configure the username for uploading diagnostics logs to the server, if authentication is required.

4. Password
   Configure the password for uploading diagnostics logs to the server, if authentication is required.

5. Frequency
   Select the frequency for scheduled execution of Remote HP PC Hardware Diagnostics.

6. Execute On Next Boot
   Enable/disable the execution on next boot. The flag will be disabled after the diagnostics have run.

Custom Upload URL

There is no Custom Upload URL configured.
Type a new Custom Upload 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

a

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 Option ROM Management

Item Specific Help

Help