

Interactive BIOS simulator

HP ZBook 15 G6 Mobile Workstation

Welcome to the interactive BIOS simulator for the
HP ZBook 15 G6 Mobile Workstation

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



Item Specific Help

☐ Supress Post Errors



BASIC SYSTEM INFORMATION

Product Name	HP ZBook 15 G6 Mobile Workstation
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

Item Specific Help



Item Specific Help

Product Name HP ZBook 15 G6 Mobile Workstation

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



Item Specific Help

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



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	18WWAVA6av#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

Item Specific Help



Main

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



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.



Network Configuration Settings

Proxy Server 1

➔ [Edit Proxy Server](#)

2

IPv4 Configuration

➔ [IPv4 Address](#)

➔ [IPv4 Subnet Mask](#)

➔ [IPv4 Gateway](#)

3

DNS Configuration

➔ [DNS Addresses](#)

4

Data transfer timeout

Force HTTP no-cache 6

100 5

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.

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.



Network BIOS Update



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 removable 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



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



Change Date And Time

Set Date (MM/DD/YYYY)
Set Time (HH:MM):

06 / 04 / 2018
29 : 53

Item Specific Help



Item Specific Help



Feature Byte

Current Setting: 3X476J6S6b7B7M7R7U7W7m7saBapaqauawb8bhcAdudpdggdhK.F4

Help



Build ID

Current Setting: 18WWAVA6av#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

Help



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 G6 Mobile Workstation

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

Help



System IDs

Item Specific 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



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



Security

HP Computer Setup

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

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)

Help



BIOS Administrator Password

Enter BIOS Administrator Password

Help



POST Power-On Password

Enter POST Power-On Password

Help



Security

HP Computer Setup

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

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).



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

Sure Start Security Event Boot Notification

3

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 in 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 the 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



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.





Security

HP Computer Setup

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 confirmed

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 be prompted to choose whether to restore GPT.



Security

HP Computer Setup

Select a Drive

1

Item Specific Help

- 1. **SATA: ST2000LM007-1R8174**
Set HDD Password

Help



Security

HP Computer Setup

Select a Drive

SATA1: ST2000LM007-1RF8174 (Drive is Locked)

➡ M.2: KXG50ZNV256G TOSHIBA-Y7AS10EXTP4T

Item Specific Help

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

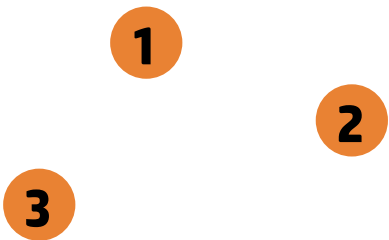
Help



Security

HP Computer Setup

DriveLock Security Options

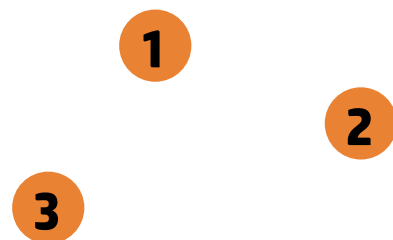


Item Specific Help

- 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 enables DriveLock.



DriveLock Security Options



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 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 enables DriveLock.



DriveLock Security Options

The hard drive's security state cannot be changed.

Cycle power to manage DriveLock on this drive.

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 enables DriveLock.



Security

HP Computer Setup

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



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 Hardware Diagnostics

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



Advanced

HP Computer Setup

Display Language

Select Language

Select Keyboard Layout

Item Specific Help

Help



Advanced

HP Computer Setup

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. Day of the Week

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



Advanced

HP Computer Setup

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 firm-ware 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 firm-ware 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.



Advanced

HP Computer Setup

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.

Item Specific Help

Help



Advanced

HP Computer Setup

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

- Hyperthreading**
Permits the user to control the processor capability

Help



Optane Disable Warning

WARNING: To avoid data loss or Windows OS corruption, do NOT disable this setting until Optane 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 'disable' then reboot

Refer to 'System Acceleration with Intel Optane Memory' in the RST 'Help' page for more information. See also www.intel.com Article ID: 000023989, User and Installation Guide for Intel Optane Memory

Help



Advanced

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

Item Specific Help

1. Graphics

Provide UMA Graphics, Hybrid Graphics, Discrete Graphics and Auto 4 options will base on OS to enable or disable Hybrid Graphics.

2. Audio Device

Hide the Audio device from 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

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 numbered 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



Advanced

HP Computer Setup

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 numbered 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



Advanced

HP Computer Setup

Option ROM Launch Policy

Configure Option ROM Launch Policy

1

Item Specific Help

- 1. Configure Option ROM Launch Policy**
Configure the launching of EFI versus Legacy Option ROM

Help



Advanced

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



Advanced

HP Computer Setup

Remote Management Options

Active Management (AMT)

USB Key Provisioning Support

USB Redirection Support

Unconfigure AMT on next boot

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.)

1

3

Item Specific Help

- 1. Unconfigure AMT on next boot**
Perform AMT/ME unconfigure without password operation.
- 2. Watchdog Timer**
Enable/Disable WatchDog Timer.
- 3. CIRA Timeout (min.)**
Set CIRA Timeout (Minutes).

Help



Advanced

HP Computer Setup

Electronic Labels

Item Specific Help



Configure Factory/System MAC Address

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 00000-00-00000

Complies with IMDA Standards DB 02941

5GHz帯は屋内使用に限定されます

Contains Fibocom Model: LB50-GL
FCC ID: ZMOLB50GL IC:21374-LB50GL CMIIT ID: 2017CP2734
IFT ID: RTIFILB17-0580 Contiene Módulo CNC ID: H-17796

CCAI17Z10060T2

MSIP-CRM-FOB-LB50-GL 04563-17-09038

Complies with IMDA Standards DA103787

Class B NTC ID:00000000-000000

Contains WNC Model : XRAV-1
Contains FCC ID: NKR-XRAV1
Contiene Módulo CNC ID: H-17374

CCAF16LP1450T0

MSIP-CRM-WM5-XRAV-1

Complies with IMDA Standards N-4270-16

Compliance logos: PTA, NOM, IEC, ANATEL, TRA, etc.

hp 筆記型電腦 / 便携式计算机 型号 : HP ZBook 15 G5
RMN / 規定型號 / 規定型号: H5N-G13C
www.hp.com Made in China 中國製造/中国製造

SI/PV TEST ONLY



Advanced

HP Computer Setup

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 : 10-E7-C6-D6-9D-48

Current System : 10-E7-C6-D6-9D-48

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



Advanced

HP Computer Setup

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



Advanced

HP Computer Setup

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 Diagnostics 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 Diagnostics Execution

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

Help



UEFI Drivers

HP Computer Setup

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