Interactive BIOS simulator

OMEN by HP 16 Laptop PC

Welcome to the interactive BIOS simulator for the
OMEN by HP 16 Laptop PC

Here's how to use it...

BIOS Utility Menus: (Click the link to navigate to the individual menus)
On this page you will find thumbnail images of each of the product's BIOS utility menus. To view a specific menu in greater detail, simply click that thumbnail. Just as in the live BIOS, on each menu, you can select the tab of each of the other utility menus to navigate directly to that menu.

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

That's it!

On every page there is a link that brings you back to either this Welcome page or the BIOS Utility Menus page enabling you to navigate to whatever BIOS option you wish to review.

BIOS Utility Menus

Main   Security   Configuration   Exit

OMEN Setup Utility

System Information

Product Name	OMEN by HP Laptop 16-c0xxx
System Family	HP OMEN
Product Number	G3KSKU5#ABA
System Board ID	8901
Processor Type	AMD RYZER 5 5600H with Radeon Graphics
Processor Speed	3300 MHz
Total Memory	16 GB
BIOS Vendor	AMI
BIOS Revision	B.08t02
Serial Number	5CD1083SRF
UUID	31444335-3830-5333-5246-6-C02E080093B
System Board CT Number	PG3KLDC8JES00F
Factory Installed OS	Win10
Primary Battery SN	00262 02/10/2021
Build ID	21WW1VET6ah#SABA#DABA
Feature Byte	3K3Q 6baB aHap aqas awbA bhcb dUdp dqfP fdhZ m9 .NG
Embedded Controller	89.14
GOP (Graphic Output Protocol)	2.15.0
Video BIOS	nVidia 94.07.2A.00.1F

System Log

Result:	Time:
	- No Data -
	- No Data -
	- No Data -
	- No Data -
	- No Data -
	- No Data -
	- No Data -
	- No Data -
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	- No Data -

OMEN Setup Utility

Password

Set Administrator Password　　　Set Power-On Password

Security

HP SpareKey ①

HP SpareKey Enrollment ②

TPM Device ③

TPM State ④

Clear TPM ⑤

System Security

Help

1. Enable or disable HP SpareKey support. Before you use [SpareKey Enroll], please set password and enable support.

2. Answer any three questions to enroll.

3. If the item is set to Hidden, the TPM device not visible in the operating system.

4. If the TPM Device setting is set to Hidden, the BIOS hides this item
   If the TPM Device setting changes from
   Hidden to Available the BIOS makes this item visible immediately without a restart
   The TPM State setting is saved when the TPM Device setting changes to Hidden and is
   restored when it is changed back to Available
   The TPM State setting can change only if you confirm the request via the Physical Presence check prompted by the BIOS during the next startup

5. Clearing the TPM causes you to lose all created keys associated with the TPM. and data protected by those keys, such as a virtual smart card or a login PIN Make sure that you have a backup and recovery method for any data that is protected or encrypted by the TPM
   TPM can be cleared only when you confirm the request via the Physical Presence check prompted by the BIOS during the next startup If you select Yes. TPM security setting and content will be cleared
   After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check m POST, this setting is reverted to No.

HP SpareKey Enrollment

You have not enrolled for HP SpareKey. HP SpareKey is a utility that helps you, or the administrator of the computer, recover lost system passwords, such as the power-on or BIOS passwords. Do you want to enroll? Press Enter to answer any three questions to enroll.

Security Feature Reset Request

A request to Reset Security Defaults is pending. Please enter the pass code displayed below to complete the change. If you did not initiate this request, press the ESC key to continue without accepting the pending change.

3963

Reset Security Defaults (023)

OMEN Setup Utility

Configuration

Language

Virtualization Technology ①

Fan Always On ②

Action Keys Mode ③

USB Charging ④

Battery Remaining Time ⑤

Adaptive Battery Optimizer ⑥

NVME Emulation ⑦

S3/S4/S5 Wake on LAN ⑧

High resolution mode on USB-C DP alt mode dock ⑨

In-bag detection ⑩

Help

1. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other

2. Set Fan Always On

3. Disabled; Requires pressing fn key + f1 through f12 to activate action keys
Enabled: Requires pressing only f1 through f12 to activate action keys

4. Allow the system to charge the USB device such as mobile phone in S4 (Hibernation) or S5 (off) state.

5. This item enables or disables the reporting of battery remaining time from the BIOS to the operating system If disabled, the operating system displays battery life in a percentage only.

6. Dynamic battery protection to optimize battery pack longevity.

7. This item would provide RAID 0 support when using two the same NVME SSD.

8. Permits the user to control whether the system should wake from S3 or S4/S5 if a magic packet is received by the NIC.

9. All USB devices on the dock will connect at USB 2.0 speed, and the Gigabit NIC will experience reduced performance when high resolution mode is enabled.

10. The PC will detect when it is put in a bag or backpack and go into hibernation mode automatically.

OMEN Setup Utility

Help

1. POST Hotkey Delay (sec) controls the amount of time given to press the function key to enter the Setup Utilities when the system starts. To disable the audible password prompt (beeping sound) for both the Administrator Password and Power-On Password, set the POST Hotkey Delay (sec) option to 0.

2. Enable/Disable USB boot.

3. Network Boot allows boot to the Network via F12 or boot order.

4. Select Network Boot Protocol using IPv4, IPv6 or IPV4+IPV6. When IPV4+IPV6 is selected. BIOS will use IPv4 first.

5. When Secure Boot is enabled, BIOS performs cryptographic check during bootup, for the integrity of the software image It prevents unauthorized or maliciously modified software from running.

Boot Options

Setup mode select

POST HotKey Delay (sec) ①

USB Boot ②

Network Boot ③

Network Boot Protocol ④

Secure Boot ⑤

Platform Key ⑥   Enrolled-MSFT

Pending Action ⑦   None

Boot Keys

Boot Options

UEFI Boot Order

OS Boot Manager

    Windows Boot Manager (SK hynix PC711 HFS512GDE9X073N)

USB Flash Drive/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Clearing all Secure Boot Keys will disable Secure Boot. Please enter the pass code displayed below to complete the action or press the ESC key to cancel.

0782

Are you sure you want to exit?