

  
M01 Series  
Desktop



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## HP M01 Series Desktop User Manual



Welcome to the interactive BIOS simulator for the HP Desktop M01-xxxxx series.

## Here's how to use it...

BIOS Utility Menu: (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 be presented 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 Boot Options Exit

## Main Menu

Main		Item Specific Help
System Time	[02:08:24]	1. Provides firmware revision information of devices built in the system.
System Date	08/07/2019	
Product Name	HP Desktop M01-xxxxx series	
System Family	HP Desktop M01-xxxxx series	
Product Number	6GU13AV	
System Board ID	8643	
Born On Date	05/13/2019	
Processor Type	AMD Ryzen 3 3200G with Radeon Vega Graphics	
Processor Speed	3600 MHz	
Total Memory	4 GB	
BIOS Vendor	AMI	
BIOS Version	B.14	
Serial Number	HLMW323285	2. View System Log.
UUID	73BB7114-8195-3FF8-6F4B-8250828-F9E85	
System Board CT Number	PHZGRX3CYC9A6A	
Factory installed OS	Win10	
Build ID	19WW2HAT6ah#SABA#DABA	
Feature Byte	2U3E 3K3N 4C6b 7K7M 7T7W aBap aqas aubC bhcb dUdp dqeJ fPkh .yF	



## Main

### Device Firmware Revision

Embedded Controller	34.18
GOP (Graphic Output Protocol)	2.5.0
Video BIOS	ATI 113-PICASSO-114

### Item Specific Help



## Main

### System Log

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

### Item Specific Help

## Security Menu



## Security

Administrator Password  
Power-On Password  
TPM Device

1  
2  
3

### Item Specific Help

- Administrator Password prevents unauthorized access to the Setup Utilities.
- Power-On Password prevents unauthorized computer system start (boot).
- If the item is set to Hidden, the TPM device is not visible to the operating system.
- 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.
- If the TPM device setting is set to Hidden, the BIOS hides this item. The 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, the BIOS sends TPM2\_Clear to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM Power-on Authentication and sets the Clear TPM setting stays the same before and after the clear TPM operation. The Clear TPM settings is also set to No without any action taken if you select No for the Physical Presence check.
- This option will restore all the security settings to factory defaults. For example, TPM device will be cleared and set to default shipping state.



## Security

Administrator Password  
Power-On Password  
TPM Device

1  
2  
3

### Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities.
2. Power-On Password prevents unauthorized computer system start (boot).
3. If the item is set to Hidden, the TPM device is not visible to 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. If the TPM device setting is set to Hidden, the BIOS hides this item. The 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, the BIOS sends TPM2\_Clear to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM Power-on Authentication and sets the Clear TPM setting stays the same before and after the clear TPM operation.  
The Clear TPM settings is also set to No without any action taken if you select No for the Physical Presence check.
6. This option will restore all the security settings to factory defaults. For example, TPM device will be cleared and set to default shipping state.



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TPM Device



Security

Administrator Password

Power-On Password

TPM Device

1

2

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Item Specific Help

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Security

Administrator Password

Power-On Password

TPM Device

1

2

3

Clear TPM

Item Specific Help

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6. This option will restore all the security settings to factory defaults. For example, TPM device will be cleared and set to default shipping state.

Configuration Menu



Configuration

Language

Virtualization Technology

Num Lock State at Power-On

S4/S5 Wake on Lan

1

2

3

4

5

Item Specific Help

1. Select the display language for the BIOS.

2. Enable Virtualization Technology Support. A Power Cycle is required for a change to be activated.

3. Sets the Num Lock state after POST.

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

5. Provides thermal/FAN status of the system.



## Configuration

Language  
Virtualization Technology  
Num Lock State at Power-On  
S4/S5 Wake on Lan

1  
2  
3  
4

5

Language

### Item Specific Help

1. Select the display language for the BIOS.
2. Enable Virtualization Technology Support. A Power Cycle is required for a change to be activated.
3. Sets the Num Lock state after POST.
4. Permits the user to control whether the system should wake from S4 or S5 if a magic packet is received by the NIC
5. Provides thermal/FAN status of the system.



## Configuration

Language  
Virtualization Technology  
Num Lock State at Power-On  
S4/S5 Wake on Lan

1  
2  
3  
4

5

Virtualization Technology

### Item Specific Help

1. Select the display language for the BIOS.
2. Enable Virtualization Technology Support. A Power Cycle is required for a change to be activated.
3. Sets the Num Lock state after POST.
4. Permits the user to control whether the system should wake from S4 or S5 if a magic packet is received by the NIC
5. Provides thermal/FAN status of the system.



## Configuration

Language  
Virtualization Technology  
Num Lock State at Power-On  
S4/S5 Wake on Lan


1  
2  
3  
4

5

Num Lock State at Power-On

### Item Specific Help

1. Select the display language for the BIOS.
2. Enable Virtualization Technology Support. A Power Cycle is required for a change to be activated.
3. Sets the Num Lock state after POST.
4. Permits the user to control whether the system should wake from S4 or S5 if a magic packet is received by the NIC
5. Provides thermal/FAN status of the system.



Configuration

Language

Virtualization Technology

Num Lock State at Power-On

S4/S5 Wake on Lan

1

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S4/S5 Wake on Lan

Item Specific Help


1. Select the display language for the BIOS.

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3. Sets the Num Lock state after POST.

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

5. Provides thermal/FAN status of the system.



Configuration

Thermal

CPU Fan Speed


System Fan Speed

: 604 RPM

: 656 RPM

Item Specific Help

## Boot Options Menu



Boot Options

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Platform Key

Pending Action

Load HP Factory Default Keys

Load MSFT Debug Policy Keys

UEFI Boot Order

► OS Boot Manager

Internal CD/DVD ROM Drive

Legacy Boot Order

► Internal Hard Drive

Internal CD/DVD ROM Drive

1

2

3

4

5

Enrolled MSFT

None

Item Specific Help

1. Enable/Disable USB boot.

2. Enable/Disable network boot during boot time.

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

4. When Legacy Support Is enabled. BIOS will load Compatibility Support Module <CSM> to support Legacy OS such as Windows 7. Windows Vista. Windows XP und DOS. When legacy Support is disabled. BIOS will boot in UEFI Mode without CSM to support newer OS such as Windows 8. System might be unable to boot Into operating system after changing this setting.

5. Secure Boot flow control. Secure Boot is possible only if System runs in User Mode.



## Boot Options

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support

Platform Key  
Pending Action

Load HP Factory Default Keys  
Load MSFT Debug Policy Keys

UEFI Boot Order  
► OS Boot Manager  
Internal CD/DVD ROM Drive

Legacy Boot Order  
► Internal Hard Drive  
Internal CD/DVD ROM Drive

Enrolled MSFT  
None

Post Hotkey Delay (sec)

1  
2  
3  
4  
5

### Item Specific Help

1. Enable/Disable USB boot.
2. Enable/Disable network boot during boot time.
3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.
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## Boot Options

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support

Platform Key  
Pending Action

Load HP Factory Default Keys  
Load MSFT Debug Policy Keys

UEFI Boot Order  
► OS Boot Manager  
Internal CD/DVD ROM Drive

Legacy Boot Order  
► Internal Hard Drive  
Internal CD/DVD ROM Drive

Enrolled MSFT  
None

USB Boot

1  
2  
3  
4  
5

### Item Specific Help

1. Enable/Disable USB boot.
2. Enable/Disable network boot during boot time.
3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.
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## Boot Options

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support

Platform Key  
Pending Action

Load HP Factory Default Keys  
Load MSFT Debug Policy Keys

UEFI Boot Order  
► OS Boot Manager  
Internal CD/DVD ROM Drive

Legacy Boot Order  
► Internal Hard Drive  
Internal CD/DVD ROM Drive

Enrolled MSFT  
None

Network Boot

1  
2  
3  
4  
5

### Item Specific Help

1. Enable/Disable USB boot.
2. Enable/Disable network boot during boot time.
3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.
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## Boot Options

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support

Platform Key  
Pending Action

Load HP Factory Default Keys  
Load MSFT Debug Policy Keys

UEFI Boot Order  
► OS Boot Manager  
Internal CD/DVD ROM Drive

Legacy Boot Order  
► Internal Hard Drive  
Internal CD/DVD ROM Drive

Enrolled MSFT  
None

1  
2  
3  
4  
5

Network Boot Protocol

### Item Specific Help

1. Enable/Disable USB boot.
2. Enable/Disable network boot during boot time.
3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.
4. When Legacy Support Is enabled. BIOS will load Compatibility Support Module <CSM> to support Legacy OS such as Windows 7, Windows Vista, Windows XP und DOS. When legacy Support is disabled. BIOS will boot in UEFI Mode without CSM to support newer OS such as Windows 8. System might be unable to boot into operating system after changing this setting.
5. Secure Boot flow control. Secure Boot is possible only if System runs in User Mode.



## Boot Options

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support

Platform Key  
Pending Action

Load HP Factory Default Keys  
Load MSFT Debug Policy Keys

UEFI Boot Order  
► OS Boot Manager  
Internal CD/DVD ROM Drive

Legacy Boot Order  
► Internal Hard Drive  
Internal CD/DVD ROM Drive

Enrolled MSFT  
None

1  
2  
3  
4  
5

Legacy Support

### Item Specific Help

1. Enable/Disable USB boot.
2. Enable/Disable network boot during boot time.
3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.
4. When Legacy Support Is enabled. BIOS will load Compatibility Support Module <CSM> to support Legacy OS such as Windows 7, Windows Vista, Windows XP und DOS. When legacy Support is disabled. BIOS will boot in UEFI Mode without CSM to support newer OS such as Windows 8. System might be unable to boot into operating system after changing this setting.
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## Boot Options

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support

Platform Key  
Pending Action

Load HP Factory Default Keys  
Load MSFT Debug Policy Keys

UEFI Boot Order  
► OS Boot Manager  
Internal CD/DVD ROM Drive

Legacy Boot Order  
► Internal Hard Drive  
Internal CD/DVD ROM Drive

Enrolled MSFT  
None

1  
2  
3  
4  
5

Secure Boot

### Item Specific Help

1. Enable/Disable USB boot.
2. Enable/Disable network boot during boot time.
3. Select Network Boot Protocol using IPv4, IPv6 or IPv4+IPv6. When IPv4+IPv6 is selected, BIOS will use IPv4 first.
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5. Secure Boot flow control. Secure Boot is possible only if System runs in User Mode.

Exit Menu

Exit

1

2

3

Ignore Changes and Exit

Item Specific Help

1. Exit System Setup and save your changes to CMOS.  
2. Exit utility without saving Setup data to CMOS.  
3. Load default values for all SETUP items.

Exit

1

2

3

Ignore Changes and Exit

Save Changes and Exit?

Item Specific Help

1. Exit System Setup and save your changes to CMOS.  
2. Exit utility without saving Setup data to CMOS.  
3. Load default values for all SETUP items.

Exit

1

2

3

Ignore Changes and Exit

Load Setup Defaults?

Item Specific Help

1. Exit System Setup and save your changes to CMOS.  
2. Exit utility without saving Setup data to CMOS.  
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## References

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