

# Interactive BIOS simulator

## HP Stream - 14-ds000

Welcome to the interactive BIOS simulator for the  
HP Stream - 14-ds000

### 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

System Configuration

Exit

# Main Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.		
Main		
System Time	[02:55:20]	Item Specific Help
System Date	03/17/2019	<a href="#">1. View System Log.</a>
Notebook Model	HP Stream Laptop 14-ds0xxx	
Product Number	Y0ASKU1#ABA	
System Board ID	8023	
Cycle AV	N/A	
Born On Date	12/09/2018	
Processor Type	AMD CPU A6 9220e @ 1.6 GHz	
Total Memory	4 GB	
BIOS Version	B.02	
BIOS Vendor	AMI	
Serial Number	5CD4232BJRG	
UUID	35434434-3332-424A-5247-474A32334435	
System Board CT Number	PY0A1008J7B05K	
Factory installed OS	Win10	
Primary Battery SN	19919 12/10/2018	
WLAN FCC ID	TX2-RTL8723BE	
Bluetooth FCC ID	TX2-RTL8723BE	
1		

# Main Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.	
Main	
<div>System Log</div> <div>Result:</div> <div>Time:</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div> <div>- No Data -</div>	<div>Item Specific Help</div>

# Security Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Security

Administrator Password1

Power-On Password2

TPM Device4

Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.

2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.

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

4. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.

5. If the TPM Device is hidden, this option is hidden. A confirmation message will be displayed during the next system startup to confirm you want to clear the TPM. For TPM 1.2, the BIOS sends the TPM\_ForceClear command to clear the TPM\_ForceClear command to clear the TPM. For TPM 2.0, the BIOS sends the TPM2\_Clear command to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM is cleared, the BIOS disables TPM Power-on Authentication. After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check in POST, this setting is reverted back to No. The setting of the TPM State shall stay the same before and after the " Clear TPM " operation. Clear TPM is also set to No without any action taken if the user selects No for the Physical Presence prompt.

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.

# Security Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Security

Administrator Password

Power-On Password

TPM Device

1

2

3

Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.

2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.

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

4. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.

5. If the TPM Device is hidden, this option is hidden. A confirmation message will be displayed during the next system startup to confirm you want to clear the TPM. For TPM 1.2, the BIOS sends the TPM\_ForceClear command to clear the TPM\_ForceClear command to clear the TPM. For TPM 2.0, the BIOS sends the TPM2\_Clear command to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM is cleared, the BIOS disables TPM Power-on Authentication. After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check in POST, this setting is reverted back to No. The setting of the TPM State shall stay the same before and after the "Clear TPM " operation. Clear TPM is also set to No without any action taken if the user selects No for the Physical Presence prompt.

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.

# Security Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Security

Administrator Password

Power-On Password

TPM Device

1

2

3

Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.

2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.

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

4. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.

5. If the TPM Device is hidden, this option is hidden. A confirmation message will be displayed during the next system startup to confirm you want to clear the TPM. For TPM 1.2, the BIOS sends the TPM\_ForceClear command to clear the TPM\_ForceClear command to clear the TPM. For TPM 2.0, the BIOS sends the TPM2\_Clear command to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM is cleared, the BIOS disables TPM Power-on Authentication. After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check in POST, this setting is reverted back to No. The setting of the TPM State shall stay the same before and after the "Clear TPM " operation. Clear TPM is also set to No without any action taken if the user selects No for the Physical Presence prompt.

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.

# Security Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Security

Administrator Password

Power-On Password

TPM Device

1

2

3

TPM Device

Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.

2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.

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

4. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.

5. If the TPM Device is hidden, this option is hidden. A confirmation message will be displayed during the next system startup to confirm you want to clear the TPM. For TPM 1.2, the BIOS sends the TPM\_ForceClear command to clear the TPM\_ForceClear command to clear the TPM. For TPM 2.0, the BIOS sends the TPM2\_Clear command to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM is cleared, the BIOS disables TPM Power-on Authentication. After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check in POST, this setting is reverted back to No. The setting of the TPM State shall stay the same before and after the "Clear TPM " operation. Clear TPM is also set to No without any action taken if the user selects No for the Physical Presence prompt.

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.



# Security Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Security

Administrator Password

Power-On Password

TPM Device

1

2

3

TPM State

Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.

2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.

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

4. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.

5. If the TPM Device is hidden, this option is hidden. A confirmation message will be displayed during the next system startup to confirm you want to clear the TPM. For TPM 1.2, the BIOS sends the TPM\_ForceClear command to clear the TPM. For TPM 2.0, the BIOS sends the TPM2\_Clear command to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM is cleared, the BIOS disables TPM Power-on Authentication. After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check in POST, this setting is reverted back to No. The setting of the TPM State shall stay the same before and after the "Clear TPM " operation. Clear TPM is also set to No without any action taken if the user selects No for the Physical Presence prompt.

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.

# Security Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Security

Administrator Password

Power-On Password

TPM Device

1

2

3

Clear TPM

Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.

2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.

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

4. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.

5. If the TPM Device is hidden, this option is hidden. A confirmation message will be displayed during the next system startup to confirm you want to clear the TPM. For TPM 1.2, the BIOS sends the TPM\_ForceClear command to clear the TPM\_ForceClear command to clear the TPM. For TPM 2.0, the BIOS sends the TPM2\_Clear command to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM is cleared, the BIOS disables TPM Power-on Authentication. After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check in POST, this setting is reverted back to No. The setting of the TPM State shall stay the same before and after the "Clear TPM " operation. Clear TPM is also set to No without any action taken if the user selects No for the Physical Presence prompt.

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.

# Security Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Security

Administrator Password1

Power-On Password2

TPM Device3

Item Specific Help

1. Administrator Password prevents unauthorized access to the Setup Utilities. To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Power-On Password.

2. Power-On Password prevents unauthorized computer system start (boot). To disable the audible password prompt (beeping sound), set the POST Hotkey Delay (sec) option to 0. This also disables the audible prompt for Administrator Password.

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

4. If the TPM device is hidden, this option is hidden. When the TPM device is changed to Available, this option is shown without the need to restart the computer. The TPM state is saved if the TPM device is changed to Hidden. The next time the TPM device is changed to Available, the previous setting will be restored.

5. If the TPM Device is hidden, this option is hidden. A confirmation message will be displayed during the next system startup to confirm you want to clear the TPM. For TPM 1.2, the BIOS sends the TPM\_ForceClear command to clear the TPM\_ForceClear command to clear the TPM. For TPM 2.0, the BIOS sends the TPM2\_Clear command to clear the Storage and Endorsement Hierarchy. Once the TPM is cleared, the BIOS disables TPM is cleared, the BIOS disables TPM Power-on Authentication. After the BIOS clears the TPM or you reject clearing the TPM during the physical presence check in POST, this setting is reverted back to No. The setting of the TPM State shall stay the same before and after the " Clear TPM " operation. Clear TPM is also set to No without any action taken if the user selects No for the Physical Presence prompt.

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

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Language	1	<div>Item Specific Help</div> <div><div>1. Select the display language for the BIOS.</div><div>2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.</div><div>3. Set the Fan Always On</div><div>4. Disabled: Requires pressing fn key + f1 through f12 to activate action keys Enabled: Requires pressing only f1 through f12 to activate action keys</div><div>5. Allow the system to charge a USB device, such as a mobile phone, in S4 (Hibernation) or S5 (Off) state.</div><div>6. This item enables or disables battery remaining time from the BIOS to the operating system. If disabled, the operating system displays battery life in a percentage only.</div><div>7. Set boot order, device boot capability and accessibility options.</div></div>
Virtualization Technology	2	
Fan Always On	3	
Action Keys Mode	4	
USB Charging	5	
Battery Remaining Time	6	
	7	

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Language

Virtualization Technology

Fan Always On

Action Keys Mode

USB Charging

Battery Remaining Time

<English>

<Enabled>

<Enabled>

<Enabled>

<Enabled>

1

2

3

4

5

7

Language

Item Specific Help

1. Select the display language for the BIOS.

2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.

3. Set the Fan Always On

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

5. Allow the system to charge a USB device, such as a mobile phone, in S4 (Hibernation) or S5 (Off) state.

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

7. Set boot order, device boot capability and accessibility options.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Language

Virtualization Technology

Fan Always On

Action Keys Mode

USB Charging

Battery Remaining Time

<English>

<Enabled>

<Enabled>

<Enabled>

<Enabled>

<Enabled>

1

2

3

4

5

6

7

Virtualization Technology

Item Specific Help

1. Select the display language for the BIOS.

2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.

3. Set the Fan Always On

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

5. Allow the system to charge a USB device, such as a mobile phone, in S4 (Hibernation) or S5 (Off) state.

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

7. Set boot order, device boot capability and accessibility options.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Language

Virtualization Technology

Fan Always On

Action Keys Mode

USB Charging

Battery Remaining Time

<English>

<Enabled>

<Enabled>

<Enabled>

<Enabled>

<Enabled>

1

2

3

4

5

6

Item Specific Help

1. Select the display language for the BIOS.

2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.

3. Set the Fan Always On

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

5. Allow the system to charge a USB device, such as a mobile phone, in S4 (Hibernation) or S5 (Off) state.

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

7. Set boot order, device boot capability and accessibility options.

Fan Always On

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Language

<English>

1

Virtualization Technology

<Enabled>

2

Fan Always On

<Enabled>

3

Action Keys Mode

<Enabled>

4

USB Charging

<Enabled>

5

Battery Remaining Time

<Enabled>

6

7

Action Keys Mode

Item Specific Help

1. Select the display language for the BIOS.

2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.

3. Set the Fan Always On

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

5. Allow the system to charge a USB device, such as a mobile phone, in S4 (Hibernation) or S5 (Off) state.

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

7. Set boot order, device boot capability and accessibility options.



# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Language

<English>

1

Virtualization Technology

<Enabled>

2

Fan Always On

<Enabled>

3

Action Keys Mode

<Enabled>

4

USB Charging

<Enabled>

5

Battery Remaining Time

<Enabled>

6

7

USB Charging

Item Specific Help

1. Select the display language for the BIOS.

2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.

3. Set the Fan Always On

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

5. Allow the system to charge a USB device, such as a mobile phone, in S4 (Hibernation) or S5 (Off) state.

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

7. Set boot order, device boot capability and accessibility options.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Language

Virtualization Technology

Fan Always On

Action Keys Mode

USB Charging

Battery Remaining Time

<English>

<Enabled>

<Enabled>

<Enabled>

<Enabled>

<Enabled>

1

2

3

4

5

6

Item Specific Help

1. Select the display language for the BIOS.

2. Hardware VT enables a processor feature for running multiple simultaneous Virtual Machines allowing specialized software applications to run in full isolation of each other. HP recommends that this feature remain disabled unless specialized applications are being used.

3. Set the Fan Always On

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

5. Allow the system to charge a USB device, such as a mobile phone, in S4 (Hibernation) or S5 (Off) state.

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

7. Set boot order, device boot capability and accessibility options.

Battery Remaining Time

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

Enrolled

None

UEFI Boot Order

USB Diskette on Key/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

► Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

7

8

9

10

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec) <0>

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

Enrolled

None

UEFI Boot Order

USB Diskette on Key/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

► Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

7

8

9

10

Post Hotkey Delay (sec)

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support  
Secure Boot  
Platform Key  
Pending Action

1  
<Enabled>  
2  
3  
4  
5  
6  
7  
8  
9  
10

Enrolled  
None

UEFI Boot Order  
USB Diskette on Key/USB Hard Disk  
USB CD/DVD ROM Drive  
! Network Adapter

Legacy Boot Order  
▶ Notebook Hard Drive  
USB Diskette on Key/USB Hard Disk  
! Network Adapter

USB Boot

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support  
Secure Boot  
Platform Key  
Pending Action

1  
2  
3  
4  
5  
6

<Enabled>

Enrolled  
None

7  
8  
9  
10

UEFI Boot Order  
  
USB Diskette on Key/USB Hard Disk  
USB CD/DVD ROM Drive  
! Network Adapter

Legacy Boot Order  
► Notebook Hard Drive  
USB Diskette on Key/USB Hard Disk  
! Network Adapter

Network Boot

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

Enrolled

None

UEFI Boot Order

USB Diskette on Key/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

► Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

7

8

9

10

Network Boot Protocol

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)  
USB Boot  
Network Boot  
Network Boot Protocol  
Legacy Support  
Secure Boot  
Platform Key  
Pending Action

1  
2  
3  
4  
5  
6

<Disabled>

Enrolled  
None

7  
8  
9  
10

UEFI Boot Order  
  
USB Diskette on Key/USB Hard Disk  
USB CD/DVD ROM Drive  
! Network Adapter

Legacy Boot Order  
► Notebook Hard Drive  
USB Diskette on Key/USB Hard Disk  
! Network Adapter

Legacy Support

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.



# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

UEFI Boot Order

USB Diskette on Key/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

► Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

7

8

9

10

<Disabled>

Enrolled

None

Secure Boot

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

Clear All Secure Boot Keys

UEFI Boot Order

USB Diskette on Key/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

► Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

7

8

9

10

Enrolled

None

The Secure Boot Key Database is Empty

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot in UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device. < F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

Enrolled

None

Load HP Factory Defaults

UEFI Boot Order

USB Diskette on Key/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

▶ Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

7

8

9

10

Load HP Factory Default Keys?

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

Enrolled

None

Load MSFT Debug Policy

UEFI Boot Order

USB Diskette on Key/USB Hard Disk

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

► Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

7

8

9

10

Load MSFT Debug Policy Keys?

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot in UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device. < F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Configuration Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

System Configuration

Post Hotkey Delay (sec)

USB Boot

Network Boot

Network Boot Protocol

Legacy Support

Secure Boot

Platform Key

Pending Action

Enrolled

None

7

8

9

10

UEFI Boot Order

▶ OS Boot Manager

USB Diskette on Key/USB Hard

USB CD/DVD ROM Drive

! Network Adapter

Legacy Boot Order

▶ Notebook Hard Drive

USB Diskette on Key/USB Hard Disk

! Network Adapter

1

2

3

4

5

6

OS Boot Manager

Item Specific 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) options to 0.

2. Enable/Disable USB boot

3. Enable/Disable network boot during boot time.

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

5. When Legacy Support is enabled, BIOS will load compatibility Support Module (CSM) to support Legacy OS such as Windows 7, Windows Vista, Windows XP and DOS. When Legacy Support is disabled, BIOS will boot inn UEFI Mode without CSM to support newer OS such as Windows 8.

6. 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.

7. Clears all secure boot keys and certificates from secure boot databases. This option disables secure boot.

8. Restores the default shipping keys and certificates to secure boot databases. All custom-set keys and certificates will be erased.

9. Restores the MSFT Debug Policy keys and certificates to secure boot databases. All cusstom-set keys and certificates will be erased.

10. Up and Down arrow keys select a device.< F5 > and < F6 > keys move the device down or up. The boot capability will be disabled if the Device is marked with an exclamation mark. When Legacy Support is enabled, UEFI boot order and Legacy boot order are both available and UEFI boot order has higher priority than Legacy boot order.

# Exit Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Exit

1

2

3

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 Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Exit

Exit Save Changes

1

2

3

Exit Save Changes?

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 Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Exit

1

Exit Discarding Changes

2

3

Exit Discarding Changes?

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 Menu

Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Exit

1

2

3

Load Setup Defaults

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.

3. Load default values for all SETUP items.