BIOS User Manual

For the : WL/AL/EL Series

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Notice

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■ 1.1 About BIOS Setup

The default BIOS (Basic Input/Output System) is already properly configured and optimized, there is normally no need to run this utility.

■ 1.1.1 When to Use BIOS Setup ?

You may need to run the BIOS Setup when:

- An error message appears on the screen during the system booting up and is requested to run SETUP.
- You want to change the default settings for customized features.
- You want to reload the default BIOS settings.

CAUTION! We strongly recommend that you change the BIOS settings only with the help of a trained service personnel.

■ 1.1.2 How to run BIOS Setup ?

To run the BIOS Setup Utility, turn on the Box-PC and press the [Del] or [F2] key during the POST procedure.

If the message disappears before you respond and you still wish to enter Setup, either restart the system by turning it OFF and ON, or simultaneously pressing [Ctrl]+[Alt]+[Del] keys to restart.

The setup function only can be invoked by pressing [Del] or [F2] key during POST that provide an approach to change some setting and configuration the user prefer, and the changed values will save in the NVRAM and will take effect after the system rebooted.

Press [F7] key for Boot Menu.

・ When OS support is Windows 11 :

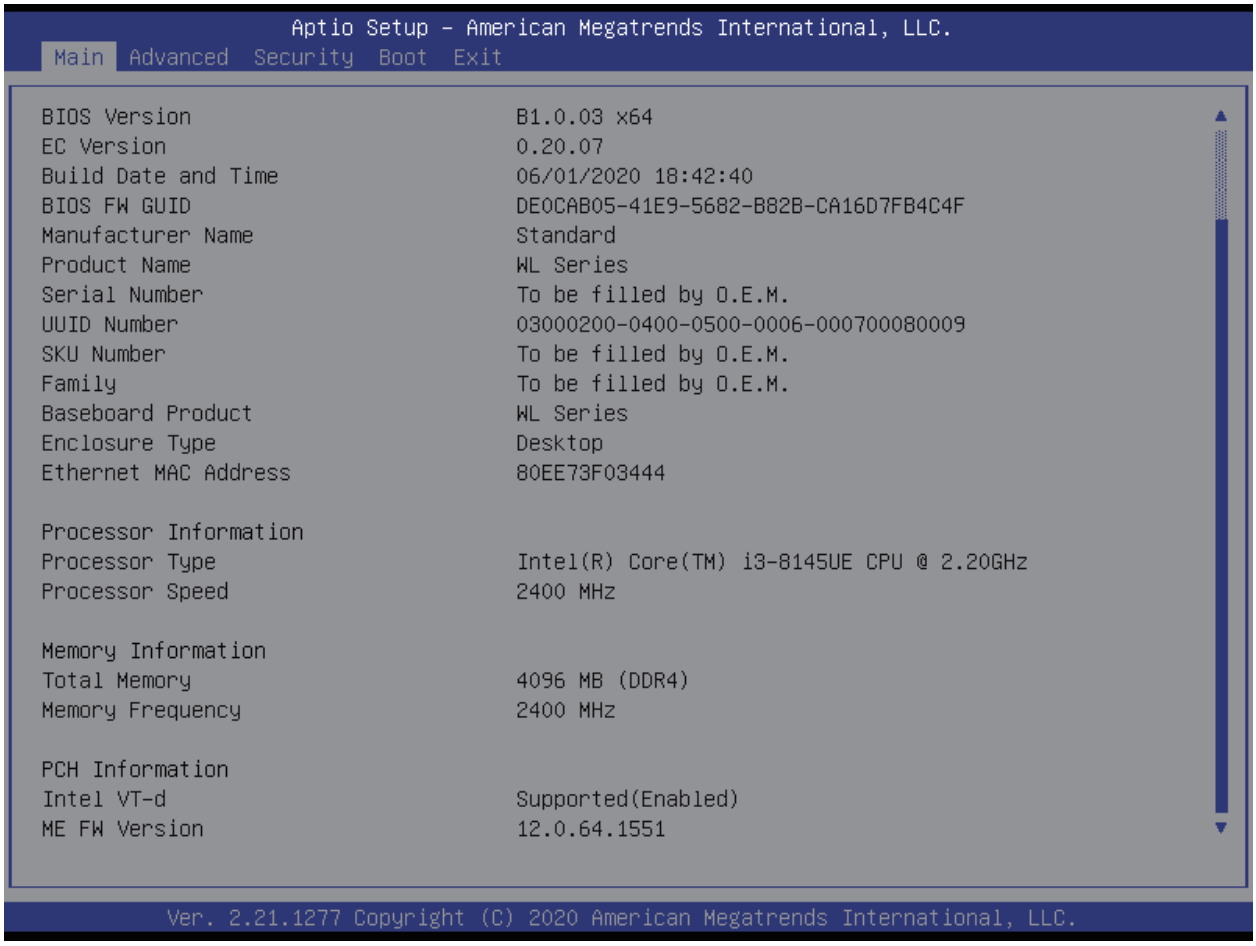
1. Click the "Start menu" and select "Settings".
2. Select "Windows Update" and Click "Advanced options".
3. Click "Recovery".
4. Under "Advanced startup", click "Restart now".
   The system will restart and show the Windows 11 boot menu.
5. Select "Troubleshoot".
6. Choose "Advanced options".
7. Select "UEFI Firmware Settings".
8. Click "Restart" to restart the system and enter UEFI (BIOS).

・ When OS support is Windows 10 :

1. Click the "Start menu" and select "Settings".
2. Select "Update and Security".
3. Click "Recovery".
4. Under "Advanced startup", click "Restart now".
   The system will restart and show the Windows 10 boot menu.
5. Select "Troubleshoot".
6. Choose "Advanced options".
7. Select "UEFI Firmware Settings".
8. Click "Restart" to restart the system and enter UEFI (BIOS).

■ 2.2 BIOS Setup Menu

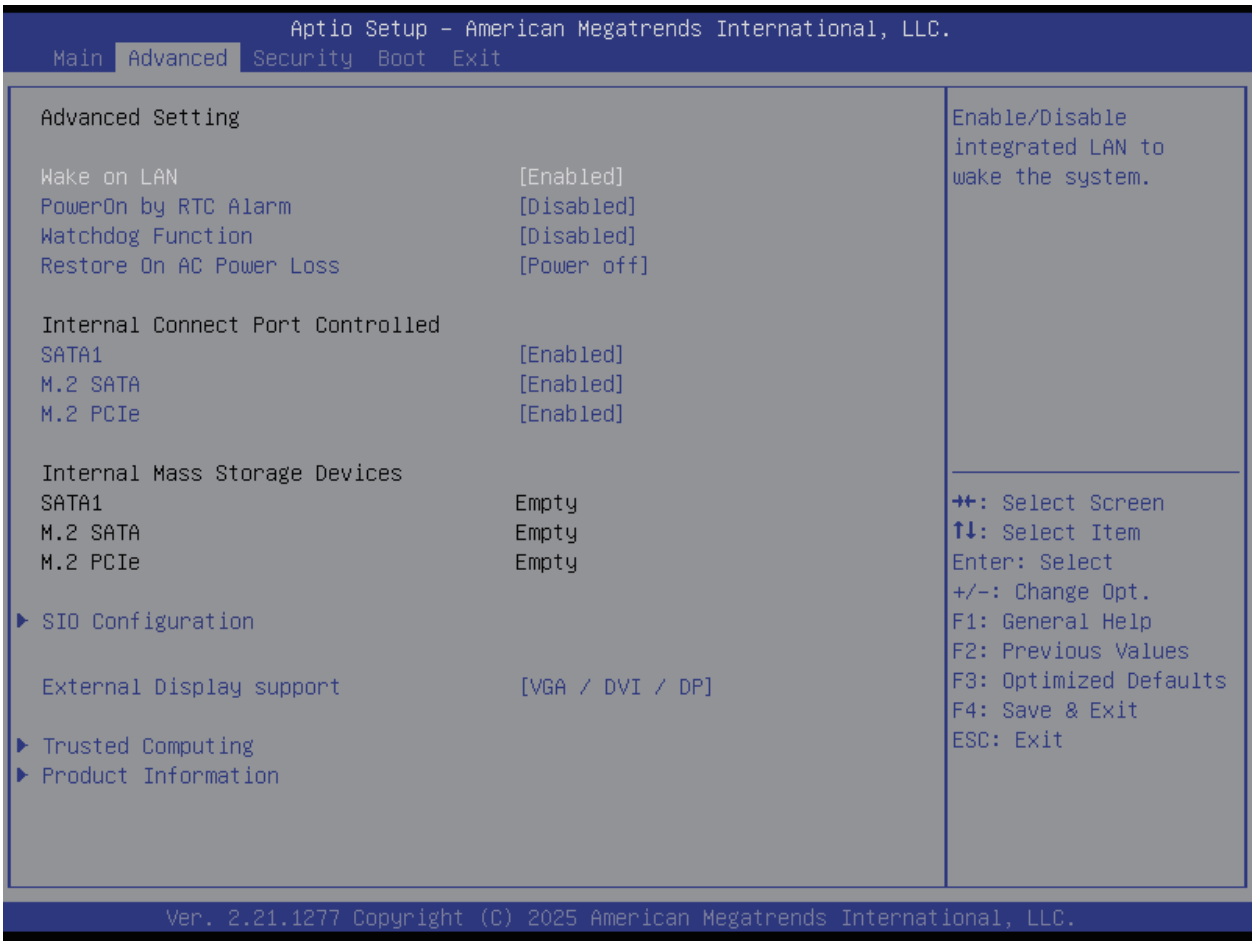
➢ Main Menu



・ System Time/System Date

Use this option to change the system time and date. Highlight System Time or System Date using the <Arrow> keys. Enter new values through the keyboard. Press the <Tab> key or the <Arrow> keys to move between fields. The date must be entered in MM/DD/YY format. The time is entered in HH:MM:SS format.

➢ Advanced Menu



・ Wake on LAN

Enable/Disable integrated LAN to wake the system.

・ PowerOn by RTC Alarm

Enable/Disable system wake on Alarm event. When enable, System will wake on the hr:mm:sec specified

・ Watchdog Function

Watchdog Function trigger on the Win OS.

・ Restore On AC Power Loss

Specify what state to go to when power is re-applied after a power failure (G3 state).

・ SATA1/M.2 SATA/M.2 PCIE

Enable/Disable Connect port.

・ SIO Configuration

Set SIO configuration.

・ External Display support

Select Type for External Display board.

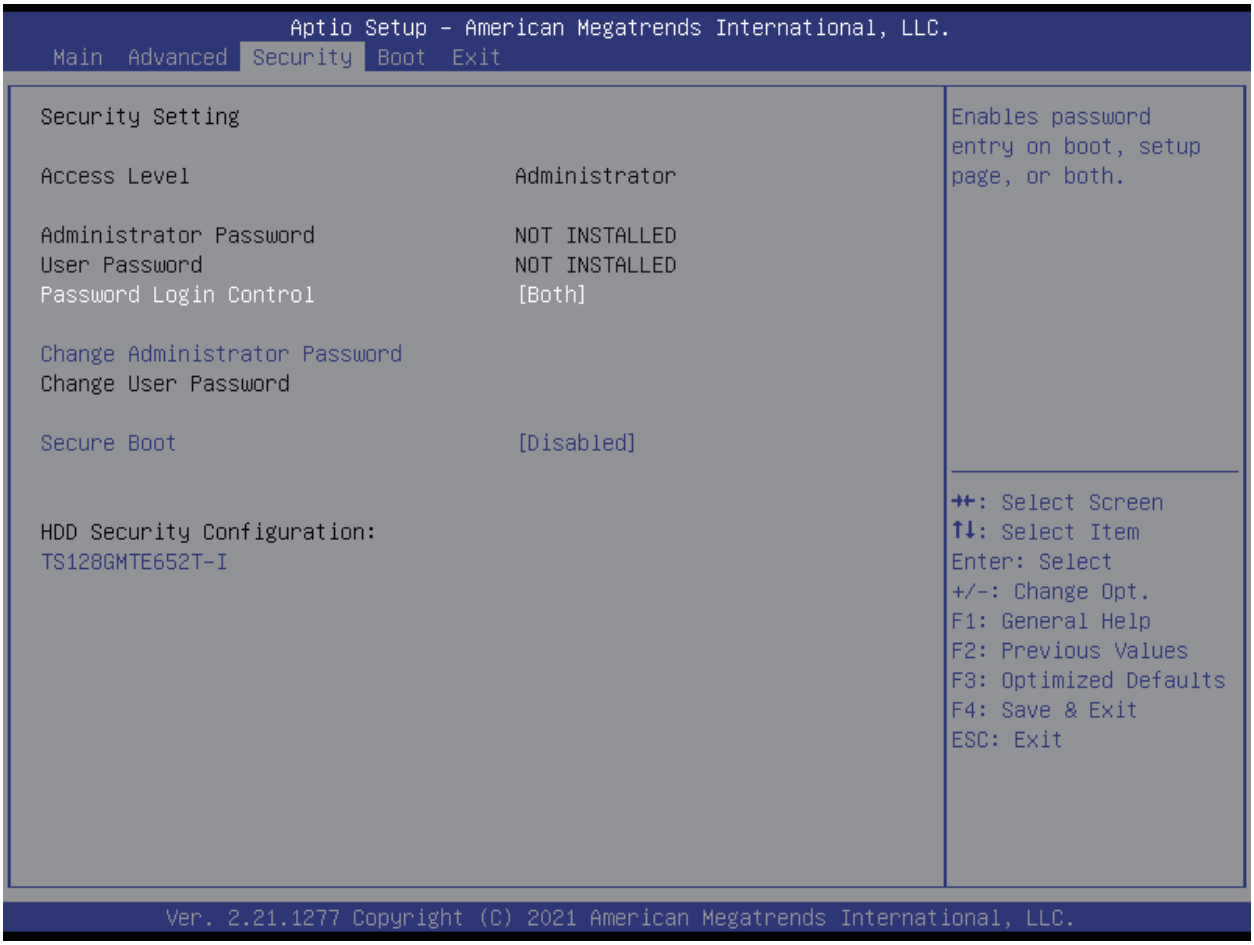
・ Trusted Computing

Trusted Computing (TPM) setting

・ Product Information

Allows you to insert Serial Number and UUID

➢ Security Menu



・ Password Login Control : [Setup / Boot / Both]

It's the timing for password prompt. If the user choose the setup , the system only ask the password when user get into the setup. If the user choose the boot, the system only ask the password when boot.

・ Change Administrator Password

It's the option for administrator password.

・ Change User Password

It's the option for user password.

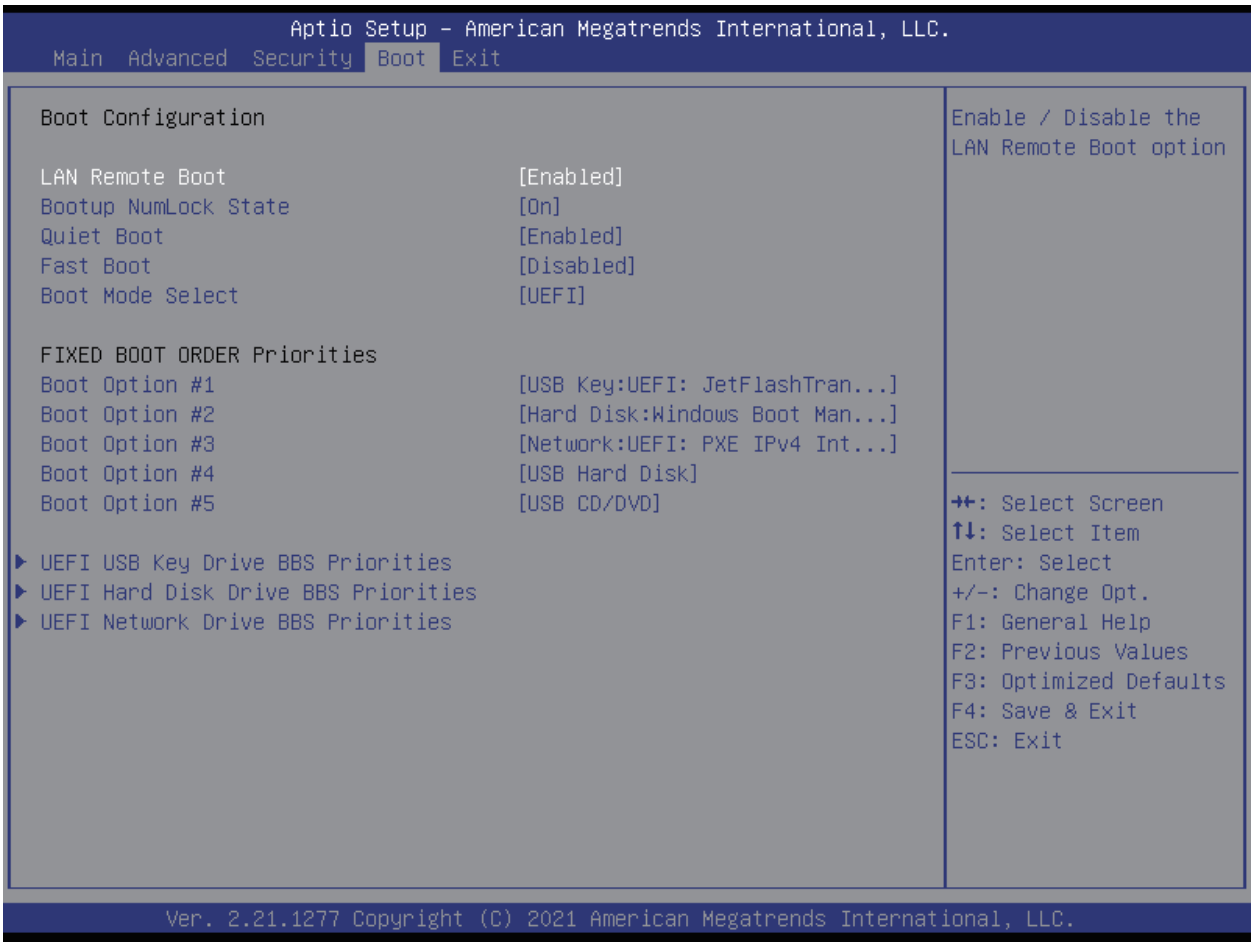
・ Secure Boot

Enable / Disable the Secure Boot Support.

・ Secure Boot Mode

Set the Secure Boot Mode status.

➢ Boot Menu



・ LAN Remote Boot

Enable/Disable UEFI network stack.

・ Bootup NumLock state

Select the keyboard NumLock state.

・ Quiet Boot

Enables/disables Quiet Boot option.

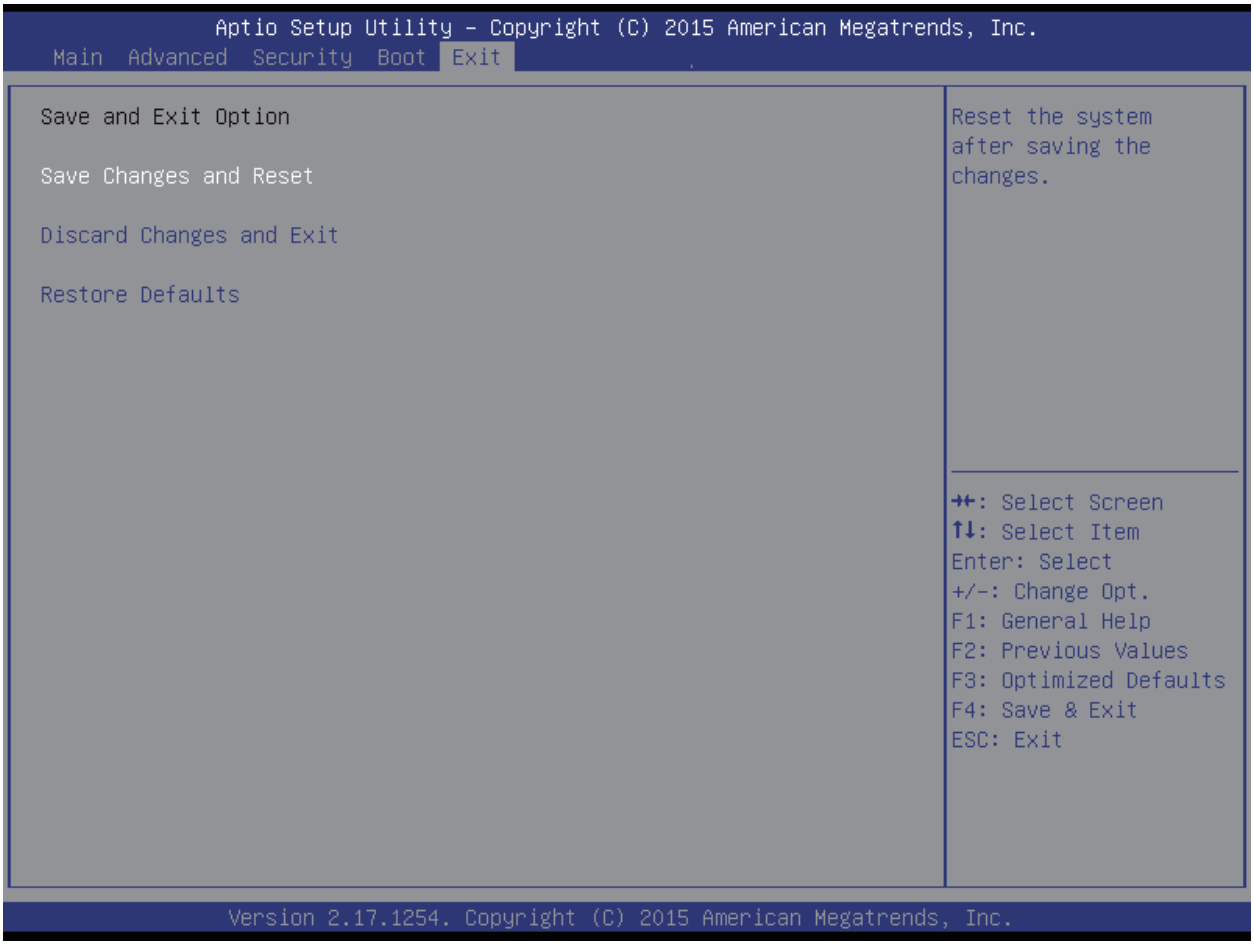
・ Fast Boot

Enables/disables Fast Boot option.

・ Boot mode select (WL series only)

The default setting is UEFI because secure boot enable.

➢ Exit Menu


Aptio Setup Utility – Copyright (C) 2015 American Megatrends, Inc.
Main Advanced Security Boot Exit
Save and Exit Option
Save Changes and Reset
Discard Changes and Exit
Restore Defaults
Reset the system after saving the changes.
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
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