

User Manual SRS-G60-15V3-4K

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The illustrations in this user's manual are for reference only. Actual product specifications may vary with territories.

The information in this user's manual is subject to change without notice.

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## **Chapter 1**

## **Preface**

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### 1.1 Regulations Information

#### ¤ CE compliance

This device is classed as a technical information equipment (ITE) in class B and is intended for use in living room and office. The CE-mark approves the conformity by the EU-guidelines:

- EMC Directive 2014/30/EU,
- Low Voltage Directive 2014/35/EU(equals A2: 2013),
- R&TTE Directive 1999/5/EC



The unit can be operated at an ambient temperature of max. 35°C (95°F). Do not subject it to temperatures below 5°C (41°F) or above 40°C (104 °F).

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE DISPOSE OF USED
BATTERIES ACCORDING TO THE INSTRUCTIONS.



#### PREVENTION OF HEARING LOSS

CAUTION: Listening to music at high volume levels and for extended durations can damage one's hearing. In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels. Headsets should comply with EN 50332-2 requirements.



#### 1.2 Safety Instructions



- Do not apply heavy pressure to the computer or subject it to any form of strong impact as this can damage the computer's components or otherwise cause it to malfunction.
- Never cover or block the air vents including those located at the base of the computer. Never cover your computer or AC adapter with any object.
- To keep your computer in prime operating condition, protect your work area from direct sunlight.
- Do NOT expose to or use near liquid, rain, or moisture. Do NOT use the modem during electrical storms.
- Do not use or expose this device around magnetic fields as magnetic interference may affect the performance of the device.

## 1.3 Conventions for this Manual



CAUTION: This message contains important information that must be followed for safe operation.



NOTE: This message contains information for special situations.

## 1.4 Release History

Version	Date	Revision
1.0	09/2017	Initial release

## Chapter 2

## Getting to know the basics

## 2.1 Product Specification

This User's Manual provides technical information of instructions and illustrations on how to operate this notebook for the customer. Please read this manual carefully before using this notebook.

· Physical Characteristic
■ Dimension
374.6*260*29.5 (28.25Thermal )mm
2.5kg
· CPU
■ Support Processor
KBLH, 4+2
· GPU
■ Support Processor
NVDIA GTX 1060, 192bits
· Memory
■ DDR
DDR4 2400MHz
· Storage
■ HDD
2.5" SATA HDD support

#### I/O Port

DC-in x 1

USB USB 3.0 X2

USB 2.0 X 2

USB 2.0 X 2 (Left side, option)

USB 3.0 X 1 (Type C no Audio and Video support)

RJ45 x 1

Card Reader x 1 (2 in 1 Card reader connector type)

HDMI x 1

Audio out & Mic in x 2

#### **Audio**

Audio Codec

Azalia standard support, D3 mode support, 2.1 Channel support

Speaker/MIC

Built-in 2 speakers

Speaker: 2W/each

2W subwoofer

Digital Microphone support w/ Camera

## Input Keyboard \*15.6" KB with 4 Zone backlight support, full KB size w/ numeric keys \*Full ME 15.6" KB (with numeric keys) with RGB backlight support ■ Pointing Device PS2 Clickpad 98X60mm **Display** LCD 15.6" FHD,16:9, Glare or AG **Communication Port** LAN Supports 10/100/1000 Mb/Sec ■ Wireless LAN M.2 2230 w/ PCIE interface IEEE802.11a/b/g/n/ac support **Webcam** HD webcam

HD webcam with D-MIC\*1

**English** 

#### Power

#### AC Adapter

Automatic Voltage adjustment between 100 and 240VAC 50/60Hz, 150 Watts (19V/7.89A), 3 Pins 180 Watts (19.5V/9.23A), 3 Pins

#### Battery

Li-polymer Battery (Power),

46.74WH (3S1P)

62.32WH (4S1P)

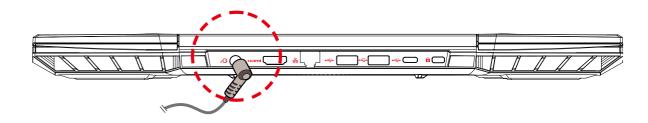


CAUTION: MODEL IS DESIGNED TO USE WITH THE DC INPUT: 19 Vdc, 7.89 A or 19.5Vdc, 9.23A

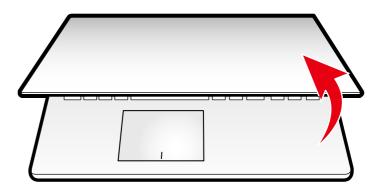
This product has two rating, Please use the genuine adapter based on the rating of your PC's model and BIOS. If damage is determined to have been caused by utilization of an unauthorized power supply, the warranty will be void.

## 2.2 Preparing your Computer

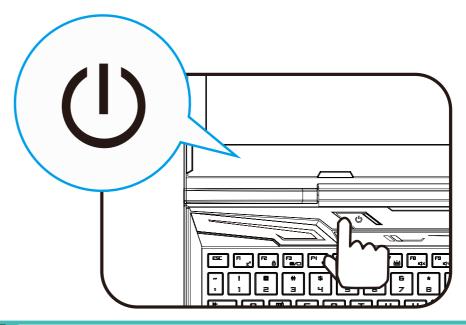
A Connect the AC adaptor DC output plug to the DC IN jack.



B The display panel can be opened to a wide range of angles for optimal viewing.



Press the power button to turn on your notebook computer.



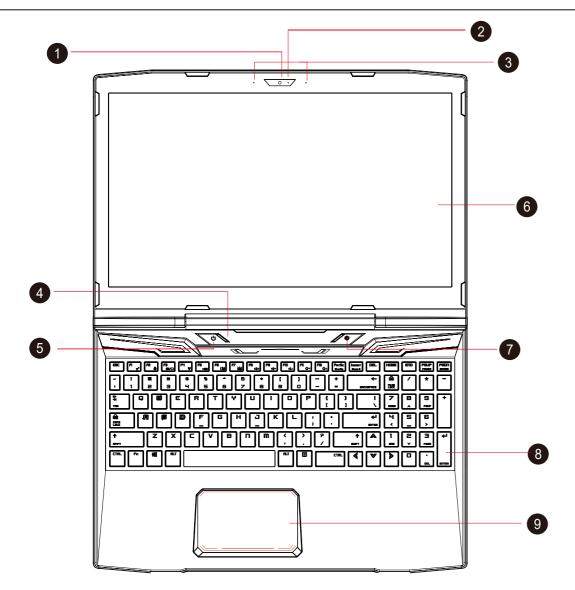
#### 2.3 Product Overview

Please become familiar with each component before you operate the computer.

### **Top-Open View**



NOTE: The product's color, I/O port, indicator location, and specification will depend upon the actually shipping product.





CAUTION:When you are not using the computer, keep the LCD-screen closed to protect it from dust.

Webcam

A device that allows you to record video or take photographs with your computer.

2 Camera Status LED

The Camera Status LED shows the Camera status.

3 Microphone

Built-in microphone.

4 Power & Battery LED indicator

\*Full ME SKU:

Power ON: Red

Suspend:Slow / Smooth, Blinking Red (6 Sec/Cycle)

Battery Low (<6%): Blinking Red (3 Sec/Cycle)

Charging: Red
\*4 Zone BLM SKU:
Power On: Red

Charging: Green&Charging@Power On: Orange

Battery Low (<6%): interlaced Blinking Orange & Red

FAN full speed: Red

6 Power Button

Press this button to turn the computer's power on or off.

6 LCD screen

Displays of your notebook

Quick launch button

FAN full speed ON/OFF

8 Keyboard

Full 15.6" KB with RGB backlight support.

9 Touchpad/Click pad

Touch-sensitive pointing device which functions like the mouse.

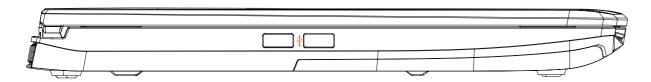
Notebook Manual

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English

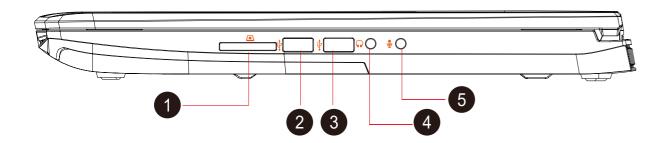
English

#### **Left Side View**



**USB Ports X2 (Option)** 

#### **Right Side View**



2 in 1 Card Reader

Insert Memory Card.

USB Ports 

←

←

Connects an USB device.

(such as USB drive, keyboard or mouse) into this jack.

USB Ports •<del><</del>←

Connects an USB device.

(such as USB drive, keyboard or mouse) into this jack.

Audio Out Jack

Connect amplified speakers or headphones into this jack.

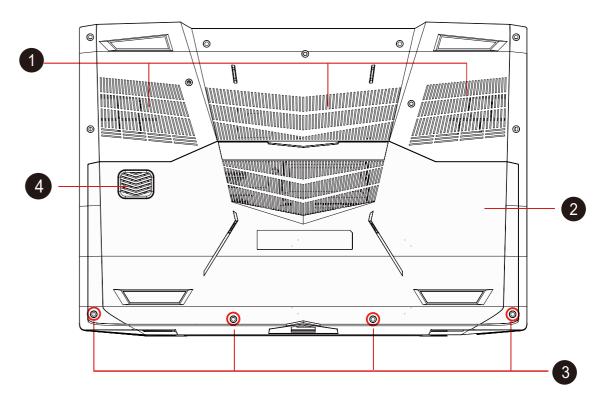
Mic In Jack

Connect microphone into this jack.

#### **Bottom Side View**



NOTE: The product's thermal vent will depend upon the actually shipping product.



**Vents** 

The thermal vents are designed to cool the internal components and avoid overheating.

HDD / RAM / SSD / WLAN Compartment Cover

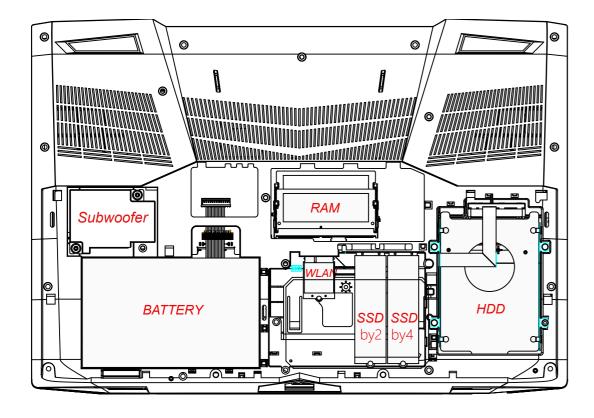
The cover can be removed to install or remove the HDD / RAM / SSD / WLAN. If damage occurs while attempting to modify or remove parts, it will not be protected under warranty.

**Compartment Cover Screws** 

You can remove the screws to install or remove the HDD / RAM / SSD / WLAN compartment cover. ( Please refer to the HDD / RAM / SSD / WLAN compartment view on the following page.)

Subwoofer

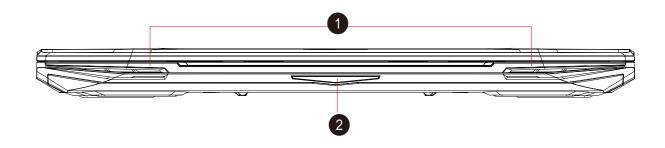
# HDD / RAM / SSD / WLAN Compartment View (Optional)





CAUTION: Do not put the computer on your lap or other parts of the body to avoid injury from the heat.

#### **Front Side View**



## 1 Stereo speakers

Produce stereo sound.

#### 2 Projection light

Default: Red

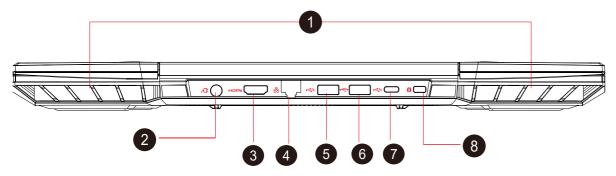
Power ON: ON

Suspend Mode: Blinking Red slowly

FAN full speed: Blinking Red fast

Power off (S4/S5): OFF; (When open Lid: Red (10 sec) then off

#### **Back Side View**



**Vents** 

The thermal vents are designed to cool the internal components and avoid overheating.

2 Power Connector

Connect the AC adapter into this connector.

3 HDMI port HDMI

Supports high-definition digital video connections.

4 Network Jack

Connect an Ethernet cable to this port.

5 USB Port ← 6 USB Port ← 4

Connects an USB device (such as USB drive, keyboard or mouse) into this jack. With charging function.

USB Type C Port 

◆◆◆ Connects an USB device (such as USB drive, keyboard or mouse) into this jack.

Kensington® Lock Port

To be secured using Kensington® Lock Port security products.

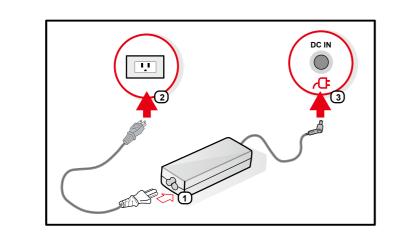
### **Chapter 3**

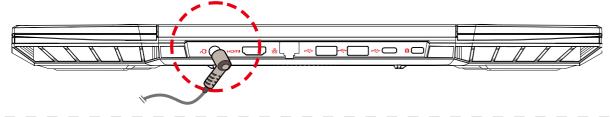
## Getting started

### 3.1 AC Adapter

Please be noted that it is strongly recommended to connect the AC adapter and use the AC power while using this notebook for the first time. When the AC adapter is connected, the battery is being charged immediately. Attach the AC adapter when you need to charge the battery or you want to operate from AC power. It is also the fastest way to get started, because the battery pack will need to be charged before you can operate from battery power.

Note that the AC adapter included in the package is approved for your notebook; using other adapter model may damage either the notebook or other devices attached to it.







CAUTION: The use of inferior extension cords may result in damage to your notebook. Your notebook comes with its own authorized AC adapter. Use of a different AC adapter or cable extension which is not authorized for use will void warranty protection if damage to hardware is found in association to said adapter or extension cable.

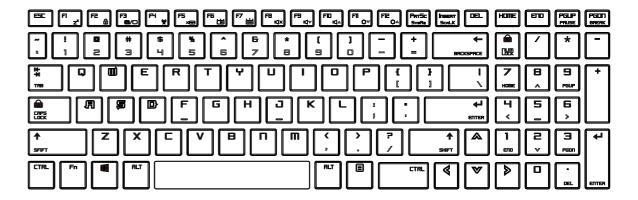


NOTE: The power adapter can become hot when in use. Please be sure the AC adapter is not covered with any materials keep it away from exposed parts of your body. The AC adapter appearance may vary depending on your region.

## 3.2 Knowing the Keyboard

The following defines the colored hot keys on the Keyboard.

The coloured commands can only be accessed by first pressing and holding the function key while pressing a key with a coloured command.





NOTE: The number of keys available on your keyboard will depend on the country/region in which the keyboard was designed and built.

## 3.2.1 For keyboard users

To activate these functions, press the hot key associated with the desired function as below:

## Function Keys

Keypad		Function Description
	Suspend:	Press this key combination (Fn+F1) to enter sleep mode.
□ + □ □	Windows Lock/On:	Press this key combination (Fn +F2) to turn Windows Lock on/off.
F3 ← F3 ← B/O	Display mode:	Press this key combination (Fn+F3) to enable Display Mode.
F1 (M)	RADIO On/Off:	Press this key combination (Fn+F4) to turn all radios on or off.
	Touch pad On/Off:	Press this key combination (Fn +F5) to turn touch pad on/off.

## Function Keys

Keypad		Function Description
(雨) + (F6) (iii)	Keyboard Brightness down:	Press this key combination (Fn+F6) to decrease brightness of Keyboard.
F7	Keyboard Brightness up:	Press this key combination (Fn+F7) to increase brightness of Keyboard.
	MUTE:	Press this key combination (Fn+F8) to enter MUTE mode.
F9 + F9 □ □ ▼	Volume down:	Press this key combination (Fn+F9) to enter Volume down mode.
	Volume up:	Press this key combination (Fn+F10) to enter Volume up mode.
Fn + Fn ○ •	Brightness down:	Press this key combination (Fn+F11) to decrease brightness of LCD display.
FID + FID	Brightness up:	Press this key combination (Fn+F12) to increase brightness of LCD display.

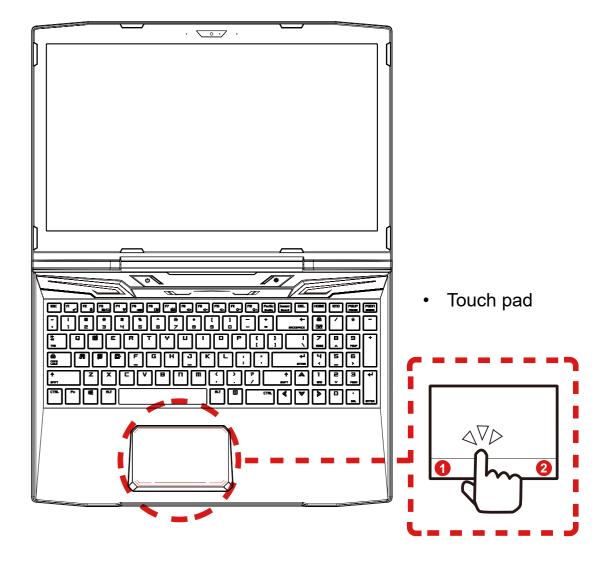
## **Function Keys**

Keypad		Function Description
+ Q	Search: (Optional)	Press this key combination (Windows logo key+Q) to open the search menu and search apps.
+	Settings: (Optional)	Press this key combination (Windows logo key+I) to open the settings menu.
+ H	Share: (Optional)	Press this key combination (Windows logo key+H) to open share menu.
+ K	Devices: (Optional)	Press this key combination (Windows logo key+K) to open devices menu.

## 3.3 Using the touchpad / clickpad

The touchpad / clickpad is a rectangular electronic panel located just below your keyboard. You can use the static-sensitive panel of the touchpad / clickpad and slide it to move the cursor. You can use the buttons below the touchpad as left and right mouse buttons.

Press the left 1 and right 2 buttons located on the edge of the touchpad / clickpad to make selections and run functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad / clickpad produces similar results.



## 3.3.1 Touchpad Usage

### **Touch Pad Gesture**

Modern touchpad gesture:

A modern touchpad should support the core touch gestures described in the following table.

Item	Gesture name	Gesture
1	one finger	left click/double click
2		move cursor
3		tap+slide
4	two finger	scroll/pan
5		pinch/zoom
6	three finger	multitasking gesture

## **Chapter 4**

# **BIOS** setup

#### 4.1 About BIOS Setup

#### 4.1.1 When to Use BIOS Setup

Suggested only for advanced users. You may need to run 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 or to reload the default BIOS settings.

#### 4.1.2 How to Run BIOS Setup

To run the BIOS Setup Utility, turn on the notebook and press the [Del] 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.

Be noted that the screen snaps and setting options in this chapter are for your references only. The actual setting screens and options on your notebook may be different after a BIOS upgrade.

The settings will save in the NVRAM and take effect after a reboot. The setup function can only be accessed by pressing [Del] or [F2] during POST. The setup uses a menu interface to allow the user to configure their system and the features are briefly listed as follow.

Press [F7] key for Boot Menu.



NOTE: The drivers, BIOS and utilities bundled in the support DVD may vary by models and are subject to change without notice.

#### 4.2 BIOS Setup Menu

Once you enter the BIOS Setup Utility, the Main Menu will appear on the screen. Select the tags to enter the other menus.

#### Main Menu

Show system overview about memory size, main HDD or ODD and setting of system time and date.

#### Advanced Menu

To select the XD feature enable or disable XD feature - only works with Intel platform + Windows.

#### Security Menu

Install or clear the password settings for supervisor and user.

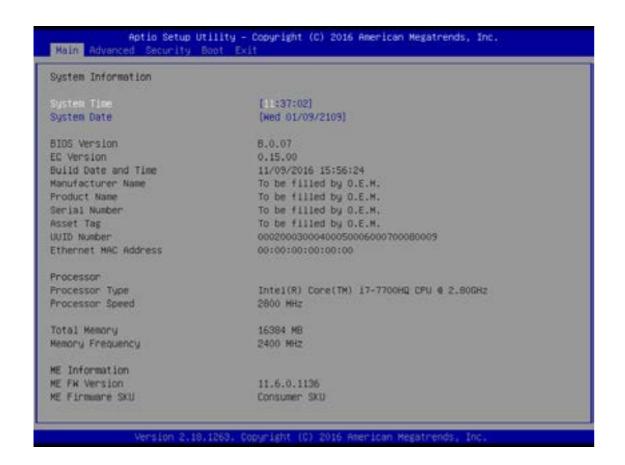
#### **Boot Menu**

Configure Settings during System Boot.

#### **EXIT Menu**

Save or discard the changes before leaving the BIOS Setup Menu.

#### 4.2.1 Main Menu



#### · System Time

This item allows you to set the system time. There is a small internal (CMOS) battery which is designed to maintain your system clock. It is designed to maintain time even when the PC is powered down or in sleep mode. The time format is [hour:minute:second].

Use [+] or [-] to configure system Time.

#### · System Date

This item allows you to set the system date. The date format is [day:month:date:year].

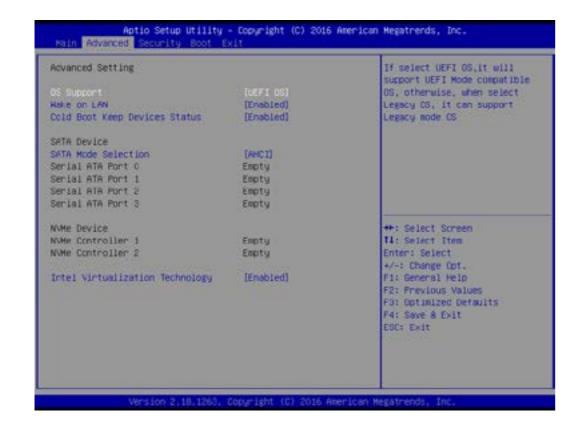
Use [ENTER], [TAB] or [SHIFT-TAB] to select a field.

Day	Day of the week, from Sun to Sat, which is determined by BIOS (read-only).
Month (Month)	The month from 01 (January) to 12 (December).
Date (Date)	The date from 01 to 31.
Year (Year)	The year can be adjusted by users.

#### Total Memory

This allows you to see the total amount of memory.

#### 4.2.2 Advanced Menu



- Wake on LAN
   Enable/Disable
   integrated LAN to wake the system.
- Serial ATA HDD
   It will show AHCI SATA HDD info.

- NVMe Device
   It will show NVMe Device info.
- Intel Virtualization Technology
   When enabled, a VMM can utilize the additional hardware capabilities provided by Vanderpool Technology.
- RAID mode reminder
   Please update strip size in BIOS to 128K in order for RAID to optimize performance.

## 4.2.3 Security Menu



· Change Administrator Password

When this item is selected, a message box shall appear on the screen as below:

**Enter New Password** 

Type a maximum of 20-digit password and press [Enter].

The password typed now will replace any previously set password from CMOS memory. You may also press [ESC] to abandon new password setting.

It is extremely important to keep record for any BIOS password which is set as it can not be reset even with the removal of a CMOS battery for the security of your PC.

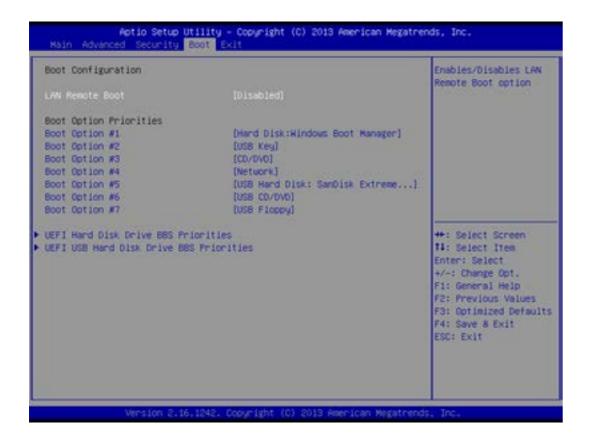
Select Change User Password to give or to clear password setting same as Change Administrator Password item above.

Note that Administrator Password field allows users to enter and change the settings of the BIOS SETUP UTILITY, while User Password field only allows users to enter the BIOS SETUP UTILITY without having the authorization to make any change.

The Password Check item is used to specify the type of BIOS password protection that is implemented.

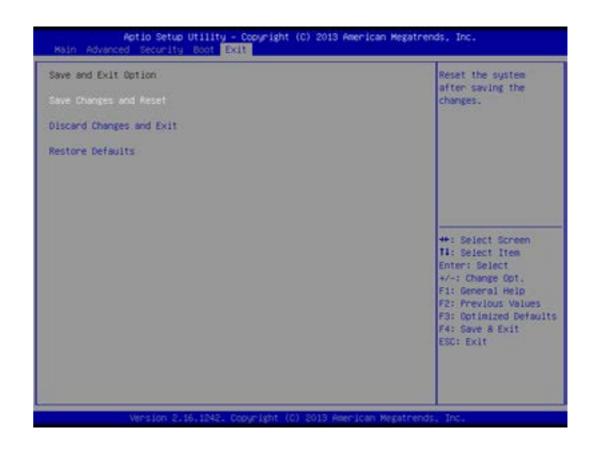
To clear a set Administrator Password/ User Password, just press [Enter] under Change Administrator Password/ Change User Password field when you are prompted to enter the password. A message box will pop up confirming password will be disabled. Once the password is disabled, the system will boot and user can enter setup without entering password.

#### 4.2.4 Boot Menu



- Boot Configuration
   Configure Settings during System Boot.
- · LAN Remote Boot [Disable]: Boot from LAN or not.
- Set Boot Priority (1st/2nd/3rd/..... Boot)
   Specifies the boot sequence from the available devices.
   A device enclosed in parenthesis has been disabled in the corresponding type menu.
- Hard Disk Drive / USB Hard Disk Drive
   Specifies the Boot Device Priority sequence.

#### 4.2.5 Exit Menu



- Save Changes and Reset
   Exit system setup after saving the changes.
   F4 key can be used for this operation.
- Discard Changes and Exit
   Exit system setup without saving any changes.
   ESC key can be used for this operation.
- Restore Defaults
   Restore/Load Defaults values for all the setup options.
   F3 key can be used for this operation.