Important Safety Instructions

Pay close attention to the following safety instructions before performing any of the operation. Basic safety precautions should be followed to protect yourself from harm and the product from damage:

- Operation of the product should be carried out by suitably trained, qualified, and certified personnel only to avoid risk of injury from electrical shock or energy hazard.
- Disconnect the power cord from the wall outlet when installing or removing main system components, such as the motherboard and power supply unit.
- Place the system on a stable and flat surface.
- Use extreme caution when working with high-voltage components.
- When handling parts, use a grounded wrist strap designed to prevent static discharge.
- Keep the area around the system clean and clutter-free.
- Keep all components and printed circuit boards (PCBs) in their antistatic bags when not in use.
- Handle a board by its edges only; do not touch its components, peripheral chips, memory modules or contacts.

Contact Information

If you need to contact ASRock or want to know more about ASRock, you're welcome to visit ASRock's website at http://www.asrock.com; or you may contact your dealer for further information. For technical questions, please submit a support request form at http://www.asrock.com/support/tsd.asp

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Contents

Chapter 1 Introduction

Thank you for purchasing Beebox series, a reliable gaming barebone system produced under ASRock's consistently stringent quality control. It delivers excellent performance with robust design conforming to ASRock's commitment to quality and endurance.

Because the hardware specifications might be updated, the content of this documentation will be subject to change without notice. In case any modifications of this documentation occur, the updated version will be available on ASRock's website without further notice. If you require technical support related to this product, please visit our website for specific information about the model you are using. ASRock website: http://www.asrock.com.

1.1 Package Contents

- Beebox series Barebone System with:
  Beebox series Chassis
  Motherboard (pre-installed)
  WiFi-802.11ac + BT Module (pre-installed)
  *The barebone system does not include memory, hard drive and mSATA SSD.
- Power Adapter (36W/12V) & Power Plug
- SATA Data and Power Cable
- mSATA Screw
- VESA Mount Bracket & Screw Package
- Remote Controller
- Support CD
- Quick Installation Guide

If any items are missing or appear damaged, contact your authorized dealer.

English

1

1.2 Product Specifications

Beebox series		Full System (With OS)	Full System (Without OS)	Barebone
CPU		Intel® Quad-Core N3150 Processor (Up to 2.08 GHz)		
		Intel® Dual-Core N3050 Processor (Up to 2.16 GHz)	Intel® Dual-Core N3000 Processor (Fanless Design)	
OS		Windows® 10 Home	Microsoft® Windows® 10 32-bit / 10 64-bit / 8.1 64-bit / 7 64-bit compliant	
Chipset		Intel® N3150 / N3050 SoC	Intel® N3150 / N3000 SoC	
Memory		2GB DDR3L-1600MHz	4GB DDR3L-1600MHz (2x2GB)	N/A
		Supports DDR3L 1600MHz, 2 x SO-DIMM slots, Max. 16GB		
HDD	**eMMC**	32GB eMMC	N/A	N/A
	mSATA slot	Supports 1 x mSATA slot	128GB mSATA SSD	Supports 1 x mSATA slot
	2.5"HDD	Supports 1 x 2.5" SATA HDD*		
LAN		Gigabit LAN		
WiFi		802.11ac + BT 4.0		
Audio		Realtek ALC283		
Front I/O		1 x USB 3.0, 1 x USB 3.0 (Type C), 1 x IR, 1 x Audio-out with MIC-In		

2

Rear I/O	2 x HDMI, 1 x DP, 2 x USB 3.0, 1 x LAN, 1 x Kensington lock
Power Unit	36W/12V Adapter
Dimension	110mm (W) x 46mm (H) x 118.5mm (L)
Controller	Remote Controller
VESA	Bracket included , supports 75 x 75 and 100 x 100 mm
Volume (Liters)	0.6L
Operating Temperature	0°C~40°C

* For Beebox N3000 series, it is not recommended to install 2.5" HDD. If you install the 2.5" HDD, please keep the Beebox series in a vertical position to ensure better cooling performance.

English

Chapter 2 Product Overview

This chapter provides diagrams showing the location of important components of the Beebox series.

2.1 Front View
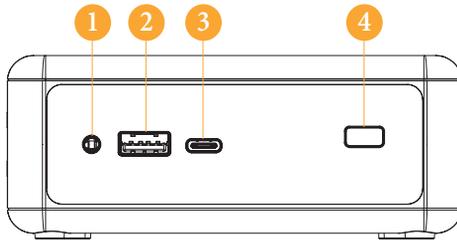
No.	Description
1	Headphone & Microphone
2	USB 3.0 (Type A)
3	USB 3.0 (Type C)
4	IR Sensor Window

2.2 Rear View
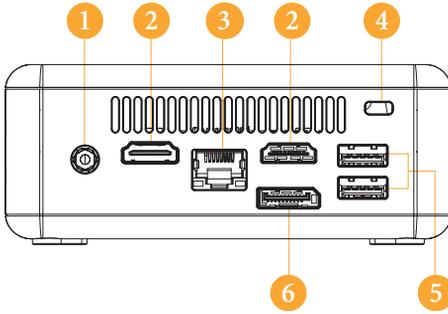
No.	Description
1	DC-In
2	HDMI
3	RJ-45
4	Kensington Lock Slot
5	USB 3.0 (Type A)
6	*DisplayPort

*To use DisplayPort as a display output, please connect your monitor/display to HDMI Port when installing OS system.

This DisplayPort only supports DP to D-Sub dongle and does not support DP to HDMI dongle and DP to DVI dongle.

*There are two LEDs on the LAN port. Please refer to the table below for the LAN port LED indications.

ACT/LINK LED

SPEED LED

LAN Port
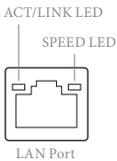
Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10Mbps connection
Blinking	Data Activity	Orange	100Mbps connection
On	Link	Green	1Gbps connection

2.3 Inside View
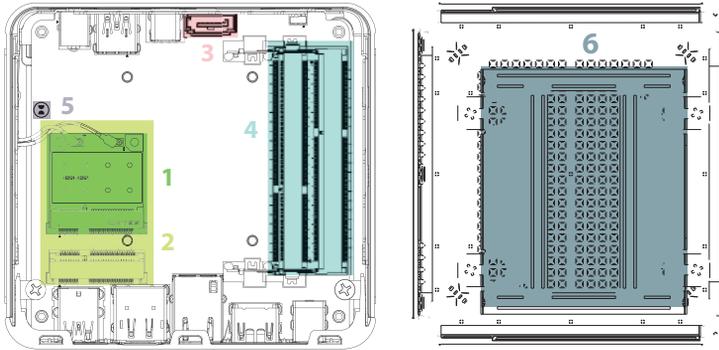
No.	Description
1	WiFi-802.11ac + BT Module
2	mSATA Slot
3	SATA 3.0 Connector
4	SO-DIMM Slots
5	Clear CMOS Pad
	Clear CMOS Pad allows you to clear the data in CMOS. To clear CMOS, disconnect the power supply and short the Clear CMOS Pad.
6	Hard disk drive tray (compatible with 2.5" SATA HDD)

SO-DIMM memory, hard drive and mSATA SSD are not included with this system.

Chapter 3 Hardware Installation

This chapter helps you install or remove important components.

3.1 How to Remove the Bottom Case

1. Remove the four screws on the bottom case.
2. Then lift up and remove the bottom panel..
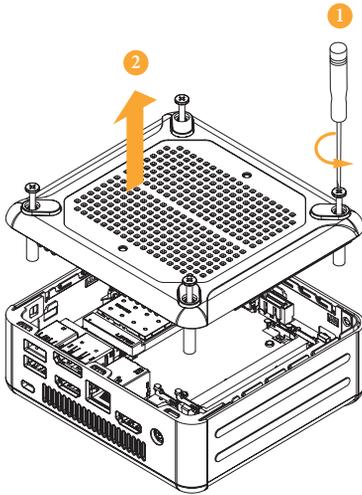
3.2 How to Remove the Wireless Module

1. Disconnect the two antenna cables from the WiFi Module by lifting the clips.
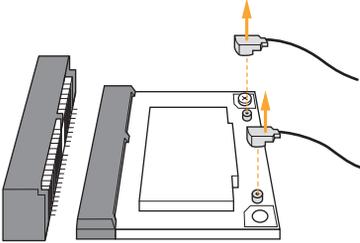
2. Remove the screw that holds the WiFi Module in place.
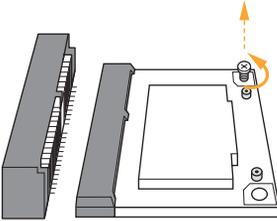
3. Carefully pull the WiFi Module from the slot and remove it.
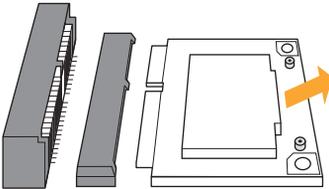
3.3 How to Install the mSATA SSD

1. Locate the mSATA slot on the motherboard.
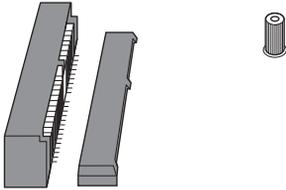
2. Carefully insert the mSATA SSD into the slot.
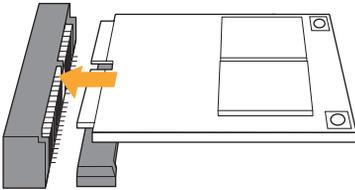
3. Tighten the screw to secure the mSATA SSD to the motherboard.
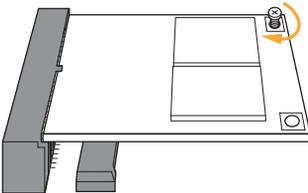
3.4 How to Install the 2.5-inch Hard Drive

1. Remove the four screws on the bottom case. Then lift up and remove the bottom panel.
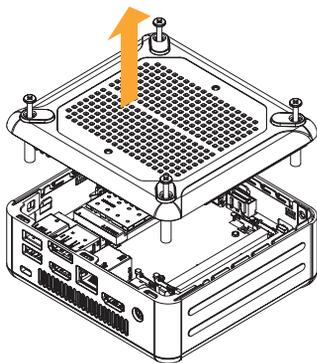
2. Unscrew the four screws that hold the HDD cage in place.
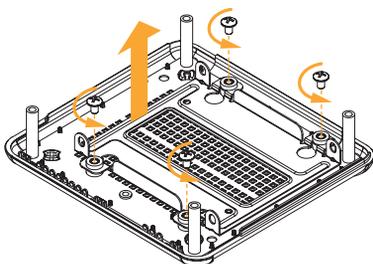
3. Install the HDD in the cage using the four screws. Then connect the SATA cable to the HDD.
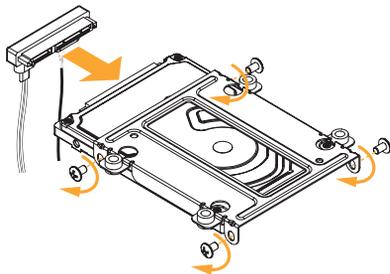
4. Attach the HDD cage to the bottom panel and secure it using the four screws.
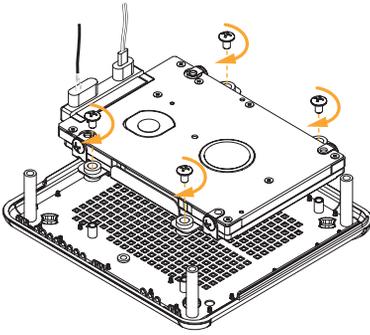
5. Connect the SATA Data and Power Cable to the motherboard and reinstall the bottom panel.
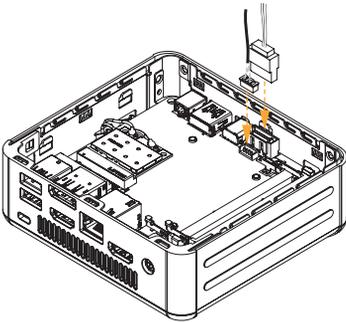
6. Align the three latches on the bottom panel with the three latch holes on the chassis. Then reinstall the bottom panel until it
7. clicks into place.
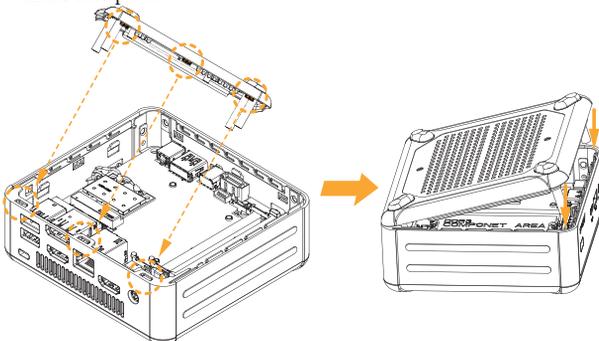
3.5 How to Install the Memory Modules
(DDR3 Low Voltage (1.35V))

1. *The Beebox series requires DDR3L SO-DIMM (1.35V).*
2. *For dual channel configuration, you always need to install identical (the same brand, speed, size and chip-type) DDR3L SO-DIMM pairs.*

The SO-DIMM only fits in one correct orientation. It will cause permanent damage to the motherboard and the DIMM if you force the DIMM into the slot at incorrect orientation.

1. Carefully insert the SO-DIMM memory modules into the slot at a 30-degree angle.
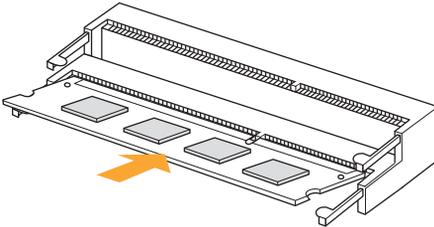
2. Push down until the modules snap into place.
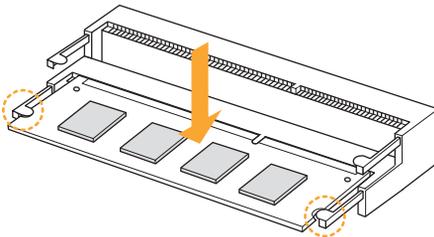
3.6 How to Install the VESA Bracket

1. Attach the two screws to the base of the Beebox series.
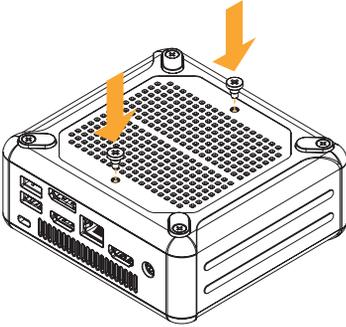
2. 2. Attach the VESA Bracket to the rear of a compatible display using the four screws.
    *Choose mounting holes depending on the mounting hole pattern of your LCD screen
    (75 mm × 75 mm or 100 mm × 100 mm).
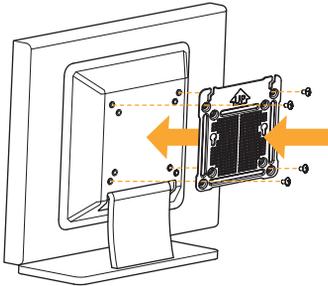
3. Mount the Beebox series by sliding it into place.
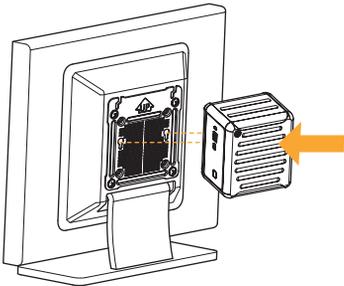
3.7 Positions of the Beebox series

The Beebox series can be placed in vertical or horizontal position.

Horizontal Position   Vertical Position   Wall-mounted
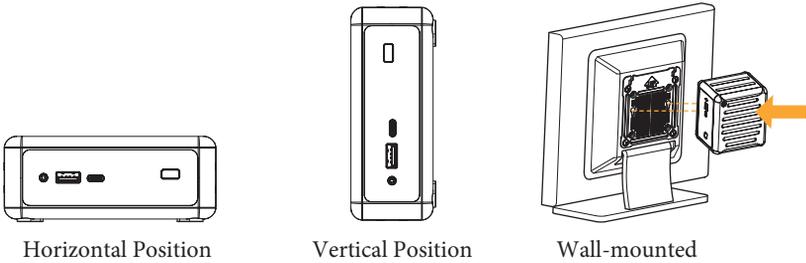
*Please note that keeping the Beebox series in a vertical position will ensure better cooling performance.

USB Power On Function:

USB Power On Function allows system power on via USB keyboard/mouse.
This function is useful when the Beebox series is mounted behind your display/TV.
*You can also easily power on/off the Beebox series by using the remote controller.
To enable USB Power On Function:
1. Enter BIOS by pressing <F2> or <Del> during device startup.
2. Select "Advanced > ACPI Configuration" from the menu.
3. Set "USB Keyboard/ Remote Power On" and " USB Mouse Power On" settings to "Enabled".
4. Press F10 to Save and Exit.

Chapter 4 Software and Utilities Operation

4.1 Installing Drivers

The Support CD that comes with the motherboard contains necessary drivers and useful utilities that enhance the motherboard's features.

Running The Support CD

To begin using the support CD, insert the CD into your CD-ROM drive. The CD automatically displays the Main Menu if "AUTORUN" is enabled in your computer. If the Main Menu does not appear automatically, locate and double click on the file "ASRSETUP.EXE" in the Support CD to display the menu.

Drivers Menu

The drivers compatible to your system will be auto-detected and listed on the support CD driver page. Please click **Install All** or follow the order from top to bottom to install those required drivers. Therefore, the drivers you install can work properly.

Utilities Menu

The Utilities Menu shows the application software that the motherboard supports. Click on a specific item then follow the installation wizard to install it.

> *To improve Windows 7 compatibility, please download and install the following hot fix provided by Microsoft.*
> *"KB2720599": http://support.microsoft.com/kb/2720599/en-us*

English

4.2 ASRock APP Shop

The ASRock APP Shop is an online store for purchasing and downloading software applications for your ASRock computer. You can quickly and easily install various apps and support utilities, such as USB Key, XFast LAN, XFast RAM and more. With ASRock APP Shop, you can optimize your system and keep your motherboard up to date simply with a few clicks.

Double-click on your desktop to access ASRock APP Shop utility.

You need to be connected to the Internet to download apps from the ASRock APP Shop.

4.2.1 UI Overview

Category Panel   Hot News
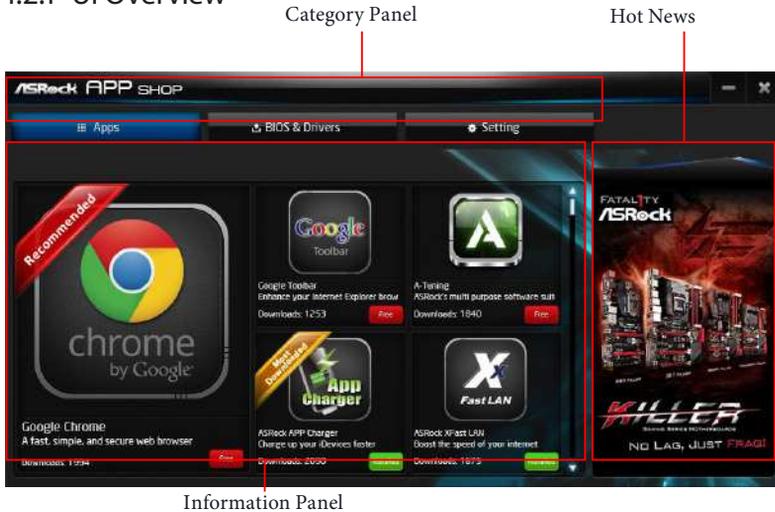
Information Panel

Category Panel: The category panel contains several category tabs or buttons that when selected the information panel below displays the relative information.

Information Panel: The information panel in the center displays data about the currently selected category and allows users to perform job-related tasks.

Hot News: The hot news section displays the various latest news. Click on the image to visit the website of the selected news and know more.

English

4.2.2 Apps

When the "Apps" tab is selected, you will see all the available apps on screen for you to download.

Installing an App

Step 1

Find the app you want to install.

The most recommended app appears on the left side of the screen. The other various apps are shown on the right. Please scroll up and down to see more apps listed.

You can check the price of the app and whether you have already intalled it or not.

`Free` - The red icon displays the price or "Free" if the app is free of charge.

`Installed` - The green "Installed" icon means the app is installed on your computer.

Step 2

Click on the app icon to see more details about the selected app.

Step 3

If you want to install the app, click on the red icon [Free] to start downloading.

Step 4

When installation completes, you can find the green "Installed" icon appears on the upper right corner.

To uninstall it, simply click on the trash can icon 🗑.
*The trash icon may not appear for certain apps.

Upgrading an App

You can only upgrade the apps you have already installed. When there is an available new version for your app, you will find the mark of "New Version" [New Version] appears below the installed app icon.

Step 1

Click on the app icon to see more details.

Step 2

Click on the yellow icon [New Version] to start upgrading.

4.2.3 BIOS & Drivers

Installing BIOS or Drivers

When the "BIOS & Drivers" tab is selected, you will see a list of recommended or critical updates for the BIOS or drivers. Please update them all soon.
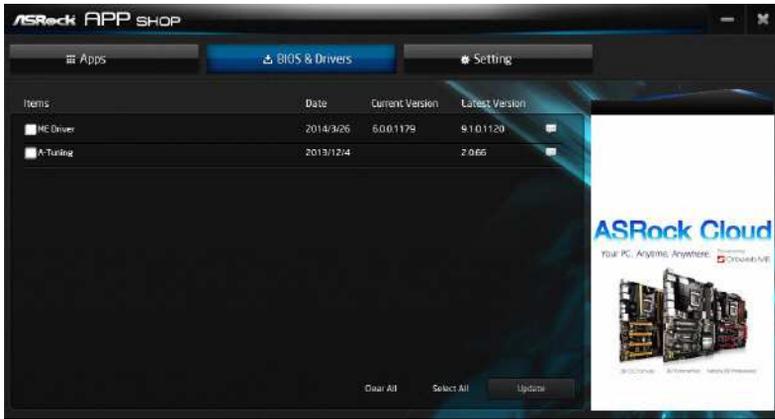
Step 1

Please check the item information before update. Click on 💬 to see more details.

Step 2

Click to select one or more items you want to update.

Step 3

Click Update to start the update process.

4.2.4 Setting

In the "Setting" page, you can change the language, select the server location, and determine if you want to automatically run the ASRock APP Shop on Windows startup.
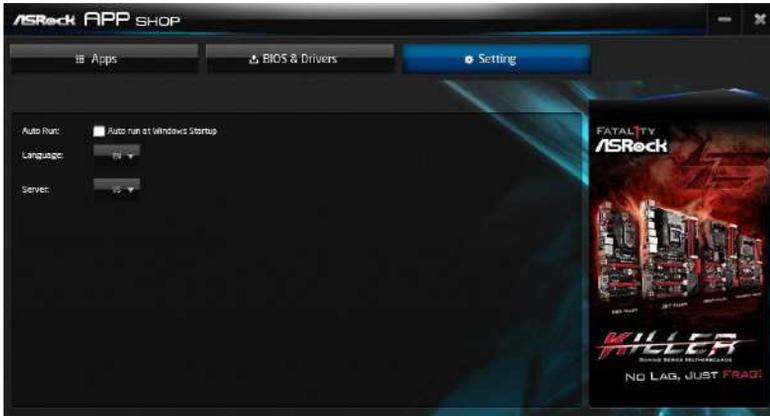
4.3 Creating Windows® 7 Installation Disk with USB 3.0 Drivers Packed

The USB 3.0 ports on your motherboard require the USB 3.0 drivers to function properly. Due to the Windows® 7 installation disk does not include the USB 3.0 drivers, please create a Windows® 7 installation disk with the Intel® USB 3.0 eXtensible Host Controller (xHCI) drivers packed into the ISO file of your own.

Requirements

* A program that can create and modify ISO files, such as UltraISO
* Windows® 7 installation disk
* USB 3.0 drivers (included in the ASRock Support CD)
* Windows® 7 64-bit PC

Instructions

Step 1

Create a new folder on your computer. Here we name the folder "asrock" as an example.

Step 2

Create another two subfolders. Name the subfolder "mount" and "usb3" as examples.

Step 3

Insert Windows® 7 installation disk in your CD drive.

Step 4

Copy "boot.wim" and "install.wim" files from the "Sources" folder in the Windows® 7 installation disk to the "asrock" folder created in Step 1.
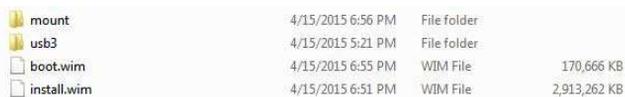
mount	4/15/2015 6:56 PM	File folder	
usb3	4/15/2015 5:21 PM	File folder	
boot.wim	4/15/2015 6:55 PM	WIM File	170,666 KB
install.wim	4/15/2015 6:51 PM	WIM File	2,913,262 KB

Step 5

Insert the ASRock Support CD in your CD drive.

Step 6

Copy all 12 files under the folders "HCSwitch" (x64) and "Win7" (x64) in the "Drivers" to the subfolder "usb3" created in Step 2.

iusb3hcs.cat	1/28/2015 5:46 AM	Security Catalog	12 KB
iusb3hcs.inf	1/28/2015 5:46 AM	Setup Information	28 KB
iusb3hcs.sys	1/28/2015 5:46 AM	System file	23 KB
iusb3hub.cat	1/28/2015 5:46 AM	Security Catalog	15 KB
iusb3hub.inf	1/28/2015 5:46 AM	Setup Information	28 KB
IUsb3Hub.man	1/28/2015 5:46 AM	MAN File	175 KB
iusb3hub.sys	1/28/2015 5:46 AM	System file	379 KB
iusb3xhc.cat	1/28/2015 5:46 AM	Security Catalog	15 KB
iusb3xhc.inf	1/28/2015 5:46 AM	Setup Information	22 KB
iusb3xhc.man	1/28/2015 5:46 AM	MAN File	458 KB
iusb3xhc.sys	1/28/2015 5:46 AM	System file	782 KB
WdfCoInstaller01009.dll	1/28/2015 5:46 AM	Application extens...	1,682 KB

Step 7

Open the "Start" menu and type "command" or "cmd" to launch the command prompt as an administrator.

```
Programs (1)
 cmd
        Open
     Run as administrator
```

Step 8

Enter the folder created in Step 1, by inputting "cd.." and "cd (folder name)" commands. Refer to the screenshot below.

 "cd.." : go to the upper level

 "cd (folder name)" : enter the assigned folder

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Windows\system32>cd..

C:\Windows>cd..

C:\>cd asrock

C:\asrock>
```

Step 9

To add USB 3.0 drivers into "boot.wim" in order to install Windows® 7 by flash3.0, please input the following commands in order and wait until the each process completes.

dism /mount-wim /wimfile:**boot.wim** /index:2 /mountdir:mount
dism /image:mount /add-driver /driver:usb3\iusb3hub.inf
dism /image:mount /add-driver /driver:usb3\iusb3xhc.inf
dism /image:mount /add-driver /driver:usb3\iusb3hcs.inf
dism /unmount-wim /mountdir:mount /commit

Step 10

To add the drivers into the "install.wim" image file, please input the following commands in order and wait until the each process completes.

dism /mount-wim /wimfile:**install.wim /index:4** /mountdir:mount
dism /image:mount /add-driver /driver:usb3\iusb3hub.inf
dism /image:mount /add-driver /driver:usb3\iusb3xhc.inf
dism /image:mount /add-driver /driver:usb3\iusb3hcs.inf
dism /unmount-wim /mountdir:mount /commit

In this step, please particularly pay attention to the Index number in the first command. Index represents the different versions of Windows® 7. Please check the followings for the versions you use:

Index : 1 Windows 7 HOMEBASIC
Index : 2 Windows 7 HOMEPREMIUM
Index : 3 Windows 7 PROFESSIONAL
Index : 4 Windows 7 ULTIMATE

Step 11

Use a program that can create and modify ISO files, such as UltraISO, to copy the modified "boot.wim" and "install.win" files to the same directory in the Windows® 7 installation disk and cover the original files. (We recommend backing up the original version just in case.) Save as a new ISO file, and then burn the CD which can be used to install.

Chapter 5 UEFI SETUP UTILITY

5.1 Introduction

This section explains how to use the UEFI SETUP UTILITY to configure your system. You may run the UEFI SETUP UTILITY by pressing <F2> or <Del> right after you power on the computer, otherwise, the Power-On-Self-Test (POST) will continue with its test routines. If you wish to enter the UEFI SETUP UTILITY after POST, restart the system by pressing <Ctl> + <Alt> + <Delete>, or by pressing the reset button on the system chassis. You may also restart by turning the system off and then back on.

> *Because the UEFI software is constantly being updated, the following UEFI setup screens and descriptions are for reference purpose only, and they may not exactly match what you see on your screen.*

5.1.1 UEFI Menu Bar

The top of the screen has a menu bar with the following selections:

Main	For setting system time/date information
Advanced	For advanced system configurations
Tool	Useful tools
H/W Monitor	Displays current hardware status
Security	For security settings
Boot	For configuring boot settings and boot priority
Exit	Exit the current screen or the UEFI Setup Utility

5.1.2 Navigation Keys

Use <◄—> key or <—►> key to choose among the selections on the menu bar, and use < ↑ > key or < ↓ > key to move the cursor up or down to select items, then press <Enter> to get into the sub screen. You can also use the mouse to click your required item.

Please check the following table for the descriptions of each navigation key.

Navigation Key(s)	Description
+ / -	To change option for the selected items
<Tab>	Switch to next function
<PGUP>	Go to the previous page
<PGDN>	Go to the next page
<HOME>	Go to the top of the screen
<END>	Go to the bottom of the screen
<F1>	To display the General Help Screen
<F7>	Discard changes and exit the SETUP UTILITY
<F9>	Load optimal default values for all the settings
<F10>	Save changes and exit the SETUP UTILITY
<F12>	Print screen
<ESC>	Jump to the Exit Screen or exit the current screen

5.2 Main Screen

When you enter the UEFI SETUP UTILITY, the Main screen will appear and display the system overview.

5.3 Advanced Screen

In this section, you may set the configurations for the following items:
CPU Configuration, Chipset Configuration, Storage Configuration, IntelRMT
Configuration, Super IO Configuration, ACPI Configuration, USB Configuration
and Platform Trust Technology.

Setting wrong values in this section may cause the system to malfunction.

5.3.1 CPU Configuration

Intel SpeedStep Technology

Intel SpeedStep technology allows processors to switch between multiple frequencies and voltage points for better power saving and heat dissipation.

CPU C States Support

Enable CPU C States Support for power saving. It is recommended to keep C1, C6 and C7 all enabled for better power saving.

Enhanced Halt State (C1E)

Enable Enhanced Halt State (C1E) for lower power consumption.

Intel Virtualization Technology

Intel Virtualization Technology allows a platform to run multiple operating systems and applications in independent partitions, so that one computer system can function as multiple virtual systems.

Power Gear

Toggle between three operational modes (Eco, Normal and Sport) to maximize performance or conserve energy.

Eco Mode: Reduces your computer's performance and saves energy.

Normal Mode: Balance performance with power consumption.

Sport Mode: Use more power to achieve the highest performance.

5.3.2 Chipset Configuration

DRAM Voltage (1.35V)

Use this to configure DRAM Voltage (1.35V). The default value is [Auto].

Refresh Rate 2X

Enable or disable Refresh Rate 2X.

Primary Graphics Adapter

Select a primary VGA.

Share Memory

Configure the size of memory that is allocated to the integrated graphics processor when the system boots up.

Onboard HD Audio

Enable/disable onboard HD audio. Set to Auto to enable onboard HD audio and automatically disable it when a sound card is installed.

Onboard HDMI HD Audio

Enable audio for the onboard digital outputs.

Onboard LAN

Enable or disable the onboard network interface controller.

PCIE1 Link Speed

Select the link speed for PCIE1.

Deep S5

Configure deep sleep mode for power saving when the computer is shut down.

Restore on AC/Power Loss

Select the power state after a power failure. If [Power Off] is selected, the power will remain off when the power recovers. If [Power On] is selected, the system will start to boot up when the power recovers.

5.3.3 Storage Configuration

SATA Controller(s)

Enable/disable the SATA controllers.

SATA Mode Selection

AHCI: Supports new features that improve performance.

> ⊕ *AHCI (Advanced Host Controller Interface) supports NCQ and other new features that will improve SATA disk performance.*

Aggressive Link Power Management

Aggressive Link Power Management allows SATA devices to enter a low power state during periods of inactivity to save power. It is only supported by AHCI mode.

Hard Disk S.M.A.R.T.

S.M.A.R.T stands for Self-Monitoring, Analysis, and Reporting Technology. It is a monitoring system for computer hard disk drives to detect and report on various indicators of reliability.

5.3.4 IntelRMT Configuration
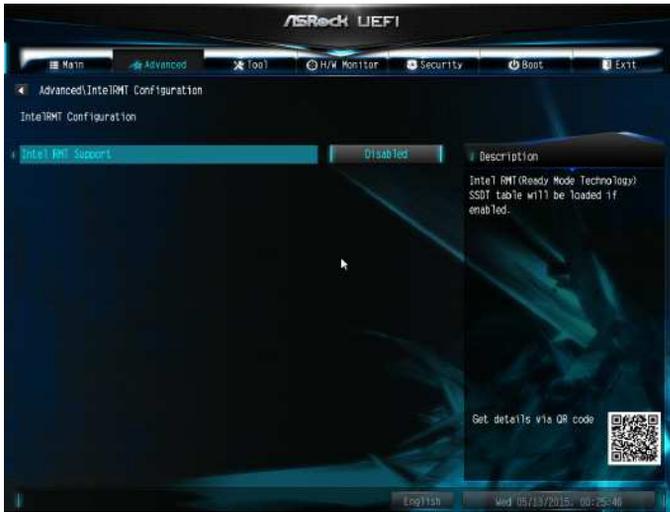
Intel RMT Support

Enable to load Intel RMT (Ready Mode Technology) SSDT table.

5.3.5 Super IO Configuration
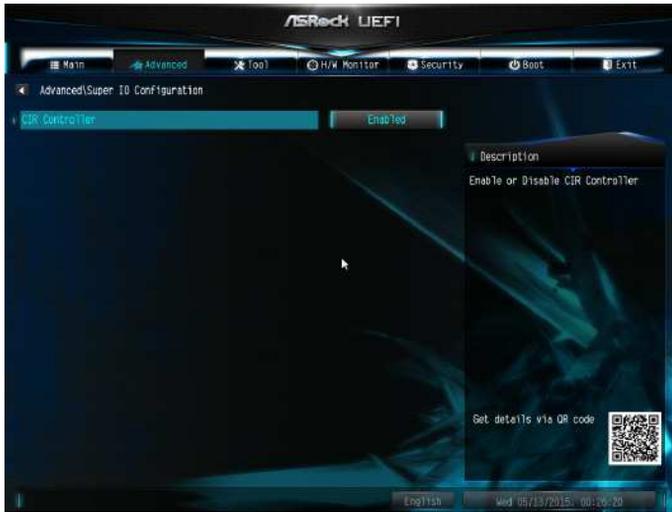
CIR controller

Enable or disable the CIR Controller.

5.3.6 ACPI Configuration

Suspend to RAM

It is recommended to select auto for ACPI S3 power saving.

ACPI HPET Table

Enable the High Precision Event Timer for better performance and to pass WHQL tests.

PCIE Device Power On

Allow the system to be waked up by a PCIE device and enable wake on LAN.

Ring-In Power On

Allow the system to be waked up by onboard COM port modem Ring-In signals.

CIR Power On

Enable or disable the CIR Power On feature.

RTC Alarm Power On

Allow the system to be waked up by the real time clock alarm. Set it to By OS to let it be handled by your operating system.

USB Keyboard/Remote Power On

Allow the system to be waked up by an USB keyboard or remote controller.

USB Mouse Power On

Allow the system to be waked up by an USB mouse.

5.3.7 USB Configuration

Legacy USB Support

Enable Legacy USB Support. AUTO option disables legacy support if no USB devices are connected. DISABLE option will keep USB devices available only for EFI applications.

5.3.8 Platform Trust Technology
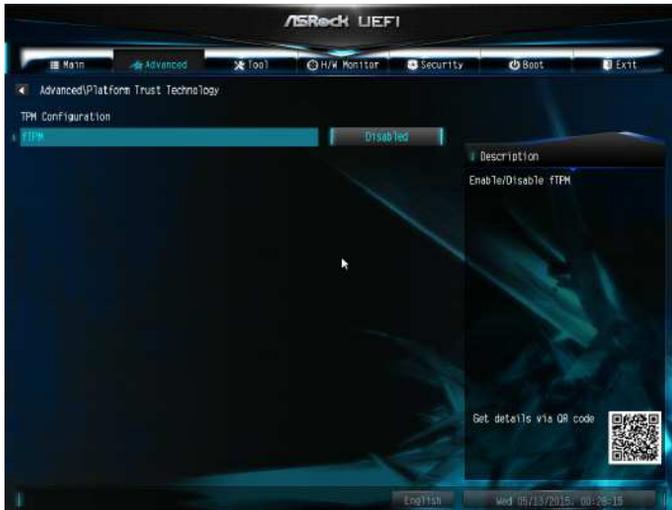
Security Device Support

Enable to activate Firmware Trusted Platform Module (fTPM) security for your hard disk drives.

5.4 Tools
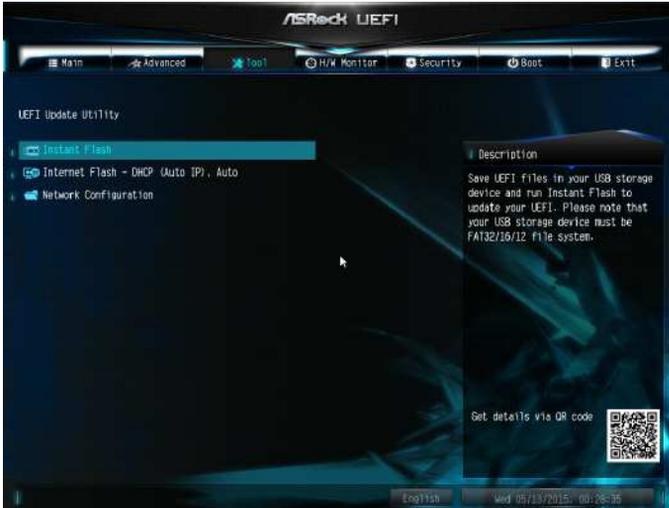
Instant Flash

Save UEFI files in your USB storage device and run Instant Flash to update your UEFI.

Internet Flash

ASRock Internet Flash downloads and updates the latest UEFI firmware version from our servers for you. Please setup network configuration before using Internet Flash.
*For BIOS backup and recovery purpose, it is recommended to plug in your USB pen drive before using this function.

Network Configuration

Use this to configure internet connection settings for Internet Flash.
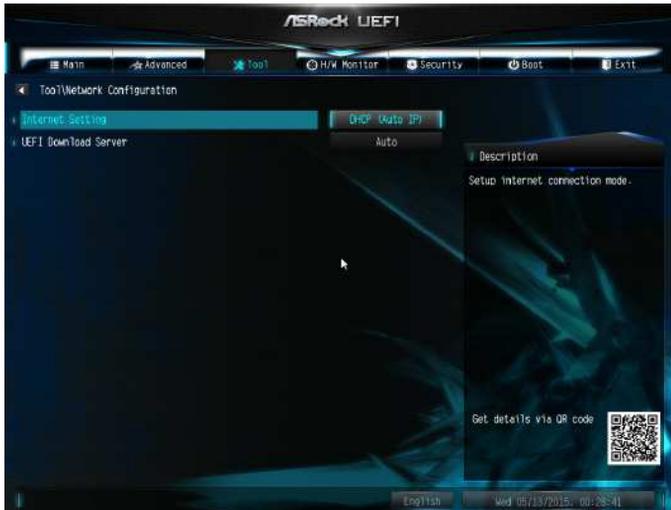
Internet Setting

Enable or disable sound effects in the setup utility.

UEFI Download Server

Select a server to download the UEFI firmware.

5.5 Hardware Health Event Monitoring Screen

This section allows you to monitor the status of the hardware on your system, including the parameters of the CPU temperature, motherboard temperature, fan speed and voltage.

5.6 Security Screen

In this section you may set or change the supervisor/user password for the system. You may also clear the user password.

Supervisor Password

Set or change the password for the administrator account. Only the administrator has authority to change the settings in the UEFI Setup Utility. Leave it blank and press enter to remove the password.

User Password

Set or change the password for the user account. Users are unable to change the settings in the UEFI Setup Utility. Leave it blank and press enter to remove the password.

Secure Boot

Enable to support Windows 8.1 Secure Boot.

5.7 Boot Screen

This section displays the available devices on your system for you to configure the boot settings and the boot priority.
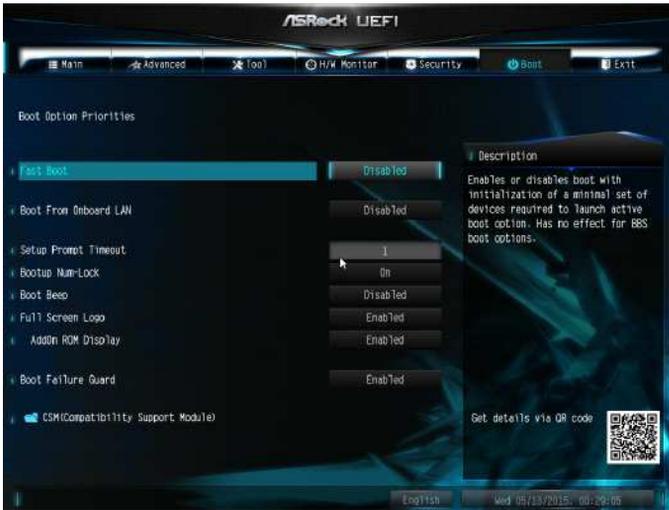
Fast Boot

Fast Boot minimizes your computer's boot time. In fast mode you may not boot from an USB storage device. Ultra Fast mode is only supported by Windows 8.1 and the VBIOS must support UEFI GOP if you are using an external graphics card. Please notice that Ultra Fast mode will boot so fast that the only way to enter this UEFI Setup Utility is to Clear CMOS or run the Restart to UEFI utility in Windows.

Boot From Onboard LAN

Allow the system to be waked up by the onboard LAN.

Setup Prompt Timeout

Configure the number of seconds to wait for the setup hot key.

Bootup Num-Lock

Select whether Num Lock should be turned on or off when the system boots up.

Boot Beep

Select whether the Boot Beep should be turned on or off when the system boots up. Please note that a buzzer is needed.

Full Screen Logo

Enable to display the boot logo or disable to show normal POST messages.

AddOn ROM Display

Enable AddOn ROM Display to see the AddOn ROM messages or configure the AddOn ROM if you've enabled Full Screen Logo. Disable for faster boot speed.

Boot Failure Guard

If the computer fails to boot for a number of times the system automatically restores the default settings.

CSM (Compatibility Support Module)
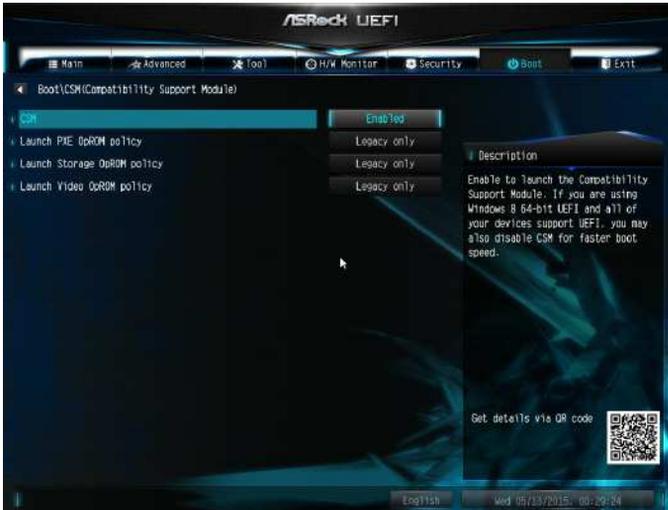
CSM

Enable to launch the Compatibility Support Module. Please do not disable unless you're running a WHCK test. If you are using Windows 8.1 64-bit and all of your devices support UEFI, you may also disable CSM for faster boot speed.

Launch PXE OpROM Policy

Select UEFI only to run those that support UEFI option ROM only. Select Legacy only to run those that support legacy option ROM only. Do not launch?

Launch Storage OpROM Policy

Select UEFI only to run those that support UEFI option ROM only. Select Legacy only to run those that support legacy option ROM only. Do not launch?

Launch Video OpROM Policy

Select UEFI only to run those that support UEFI option ROM only. Select Legacy only to run those that support legacy option ROM only. Do not launch?

5.8 Exit Screen

Save Changes and Exit

When you select this option the following message, "Save configuration changes and exit setup?" will pop out. Select [OK] to save changes and exit the UEFI SETUP UTILITY.

Discard Changes and Exit

When you select this option the following message, "Discard changes and exit setup?" will pop out. Select [OK] to exit the UEFI SETUP UTILITY without saving any changes.

Discard Changes

When you select this option the following message, "Discard changes?" will pop out. Select [OK] to discard all changes.

Load UEFI Defaults

Load UEFI default values for all options. The F9 key can be used for this operation.

Launch EFI Shell from filesystem device

Copy shellx64.efi to the root directory to launch EFI Shell.

Contact Information

If you need to contact ASRock or want to know more about ASRock, you're welcome to visit ASRock's website at http://www.asrock.com; or you may contact your dealer for further information. For technical questions, please submit a support request form at http://www.asrock.com/support/tsd.asp

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