

BMX-T526

兆芯 C+系列处理器 VX11PH 南桥无风扇 Mini-ITX 系统

Quick Reference Guide

1st Ed –21 September 2020

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Part No. E2017B526A0R

FCC Statement



THIS DEVICE COMPLIES WITH PART 15 FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.

(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS "A" DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES.

THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WHEN THE EQUIPMENT IS OPERATED IN A COMMERCIAL ENVIRONMENT. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.

OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE HARMFUL INTERFERENCE IN WHICH CASE THE USER WILL BE REQUIRED TO CORRECT THE INTERFERENCE AT HIS OWN EXPENSE.

A Message to the Customer

Avalue Customer Services

Each and every Avalue's product is built to the most exacting specifications to ensure reliable performance in the harsh and demanding conditions typical of industrial environments. Whether your new Avalue device is destined for the laboratory or the factory floor, you can be assured that your product will provide the reliability and ease of operation for which the name Avalue has come to be known.

Your satisfaction is our primary concern. Here is a guide to Avalue's customer services. To ensure you get the full benefit of our services, please follow the instructions below carefully.

Technical Support

We want you to get the maximum performance from your products. So if you run into technical difficulties, we are here to help. For the most frequently asked questions, you can easily find answers in your product documentation. These answers are normally a lot more detailed than the ones we can give over the phone. So please consult the user's manual first.

To receive the latest version of the user's manual; please visit our Web site at:

<http://www.avalue.com.tw/>

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1. Getting Started

1.1 Safety Precautions

Warning!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

Caution!



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

1.2 Packing List

- 1 x 84W Adapter
- 1 x CN AC Power Cord



If any of the above items is damaged or missing, contact your retailer.

1.3 System Specifications

System	
Mother Board	Mini ITX Motherboard EMX-VX11P
CPU	Onboard ZX-C Series Processor
CPU Cooler (Type)	Fanless
Memory	One x 204-pin DDR3 1333MHz SO-DIMM supports up to 8GB, default 4GB
Adapter	FSP 12V/7A 84W (ACC-ADP-084N-02R)
Microphone/Audio	1 x Line-out, 1 x Mic-in
Operating System	Win7, Win10, NeoKylin 7.0, 64 bit, kernel 3.10.0-862.9.1nd7.zx.4.X86_64
Storage	
Hard Disk Drive	1 x 2.5" HDD storage
Solid State Drive	1 x 2.5" Drive Bay
Other Storage Device	1 x mSATA supports on the 1st Mini PCIe slot
External I/O	
Serial Port	6 x RS-232(Optional 2 x RS-232/422/485) for Rear Cover (+ 4 x DB9 不斷孔) for Front Cover
USB Port	3 x USB 3.0, 1 x USB 2.0 for Rear Cover 1 x USB 2.0 (+2 x USB 不斷孔) for Front Cover
DIO Port	16-bit GPIO (by external optional)
Video Port	1 x HDMI, 1 x VGA
Audio Port	1 x Line-out, 1 x Mic-in
LAN Port	2 x Intel I210AT Gigabit Ethernet
Wireless LAN Antenna	2 x SMA Connector (optional)
Switch	1 x Power on/off switch
Indicator Light	1 x HDD LED, 1 x Power LED
Expansion Slots	1 x full size Mini PCI-e (support mSATA/PCIe1/USB 2.0 Signal/SIM)
Others	1 x Dual Channel 18/24-bits LVDS
Mechanical	
Power Type	AT / ATX mode Switchable Through Jumper, default ATX Mode
Power Connector Type	1 x Lockable DC Jack 1 x Phoenix connector power input (+12~24V)
Dimension	180 x 182 x 76 (L x W x H)
Weight	2.3 kg
Color	Black
Fanless	Yes

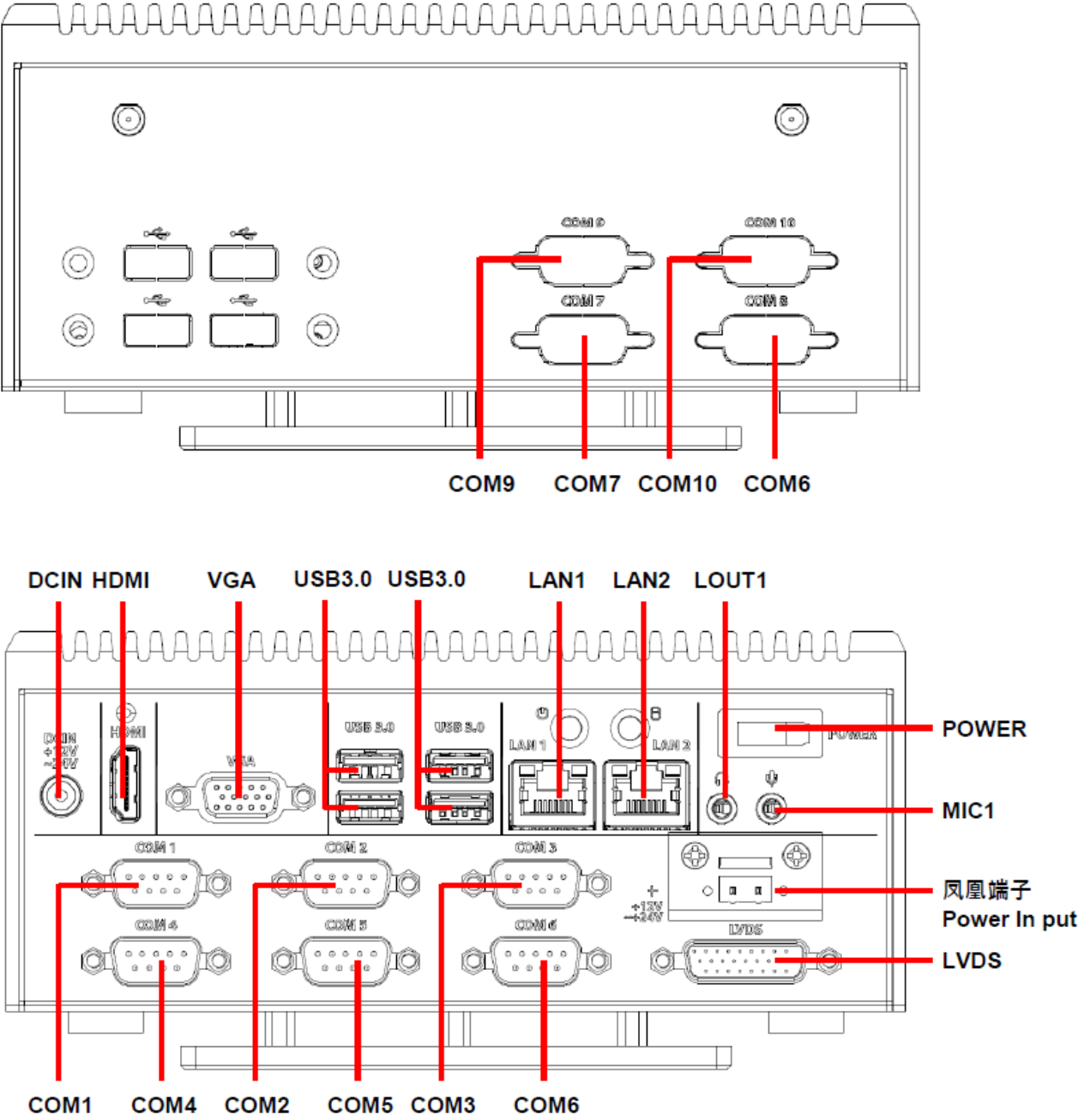
OS Support	Win7, Win10, NeoKylin 7.0, 64 bit, kernel 3.10.0-862.9.1nd7.zx.4.X86_64
Reliability	
EMI Test	CE/FCC Class B design compatible
Safety	Avalue standard
Vibration Test	Avalue standard
Mechanical Shock Test	Avalue standard
Drop Test	Avalue standard
Operating Temperature	0~50°C (32~140°F), w/HDD/SSD, ambient with 0.5 m/s Air flow
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Storage Temperature	-20°C ~ 75°C (-4°F ~ 167°F)



Note: Specifications are subject to change without notice.

1.4 System Overview

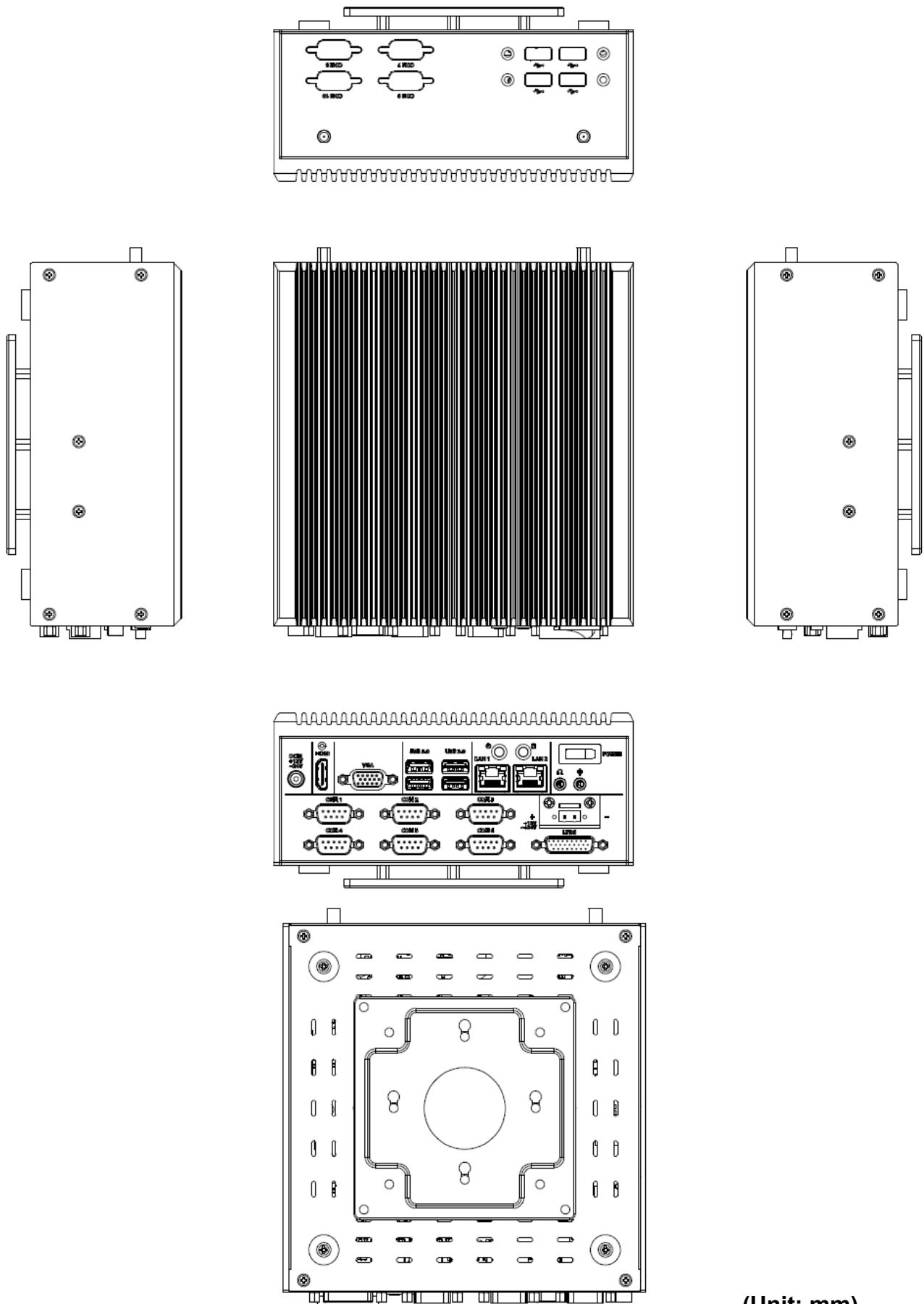
1.4.1 Front/Rear View



Connectors		
Label	Function	Note
Power	Power on button	
凤凰端子Power In put	DC power-in connector	
USB3.0	4 x USB3.0 connector	
COM1/2/3/4/5/6/7/8/9/10	Serial port connector	

	1/2/3/4/5/6/7/8/9/10	
DCIN	DC power-in connector	
HDMI	HDMI connector	
VGA	VGA connector	
LAN1/2	RJ-45 Ethernet 1/2	
LVDS1	LVDS Connector	20 x 2 wafer, pitch 1.25mm
LOUT1	Line-out audio jack	
MIC1	Mic-in audio jack	

1.5 System Dimensions



(Unit: mm)

2. Hardware Configuration

Jumper and Connector Setting

For advanced information, please refer to:

- 1- EMX-VX11P User's Manual

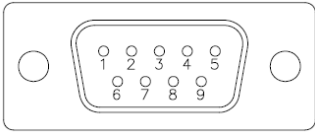
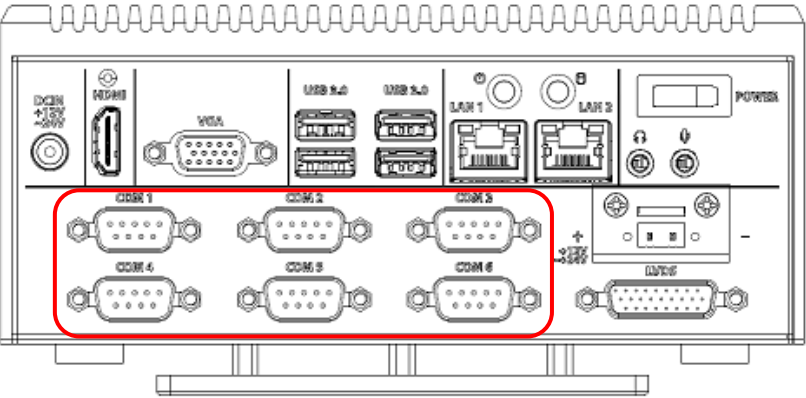


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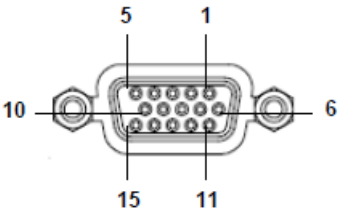
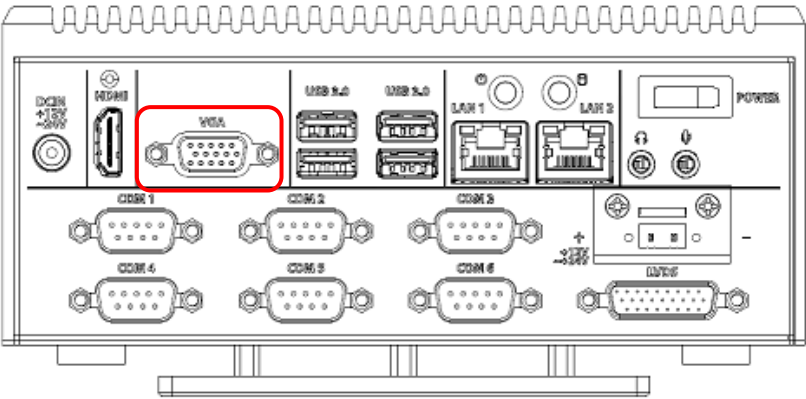
2.1 BMX-T526 connector mapping

2.1.1 Serial port 1~6 connector (COM1~6)



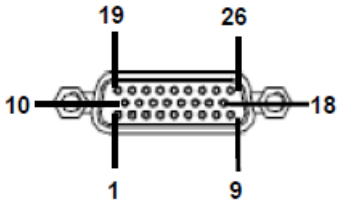
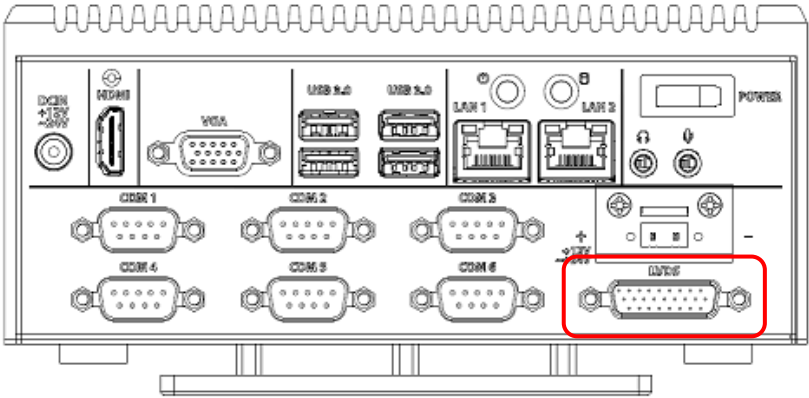
Signal	PIN	PIN	Signal
DCD	1	6	DSR
RXD	2	7	RTS
TXD	3	8	CTS
DTR	4	9	RI
GND	5		

2.1.2 VGA connector (VGA)



PIN	Signal	PIN	Signal	PIN	Signal
1	RED	6	GND	11	NC
2	GREEN	7	GND	12	DDCDAT
3	BLUE	8	GND	13	HSYNC
4	NC	9	+5V	14	VSYSN
5	GND	10	GND	15	DDCCLK

2.1.3 LVDS connector (LVDS)



PIN	Signal	PIN	Signal	PIN	Signal
1	PS_ON	10	1+	19	12V
2	GND	11	1-	20	GND
3	3.3V	12	GND	21	Backlight_EN
4	5V	13	2+	22	VBRIGHT
5	GND	14	2-	23	USB_VCC
6	GND	15	3+	24	D-
7	0+	16	3-	25	D+
8	0-	17	CLK+	26	USB_GND
9	GND	18	CLK-		

Note:
This connector included LVDS, USB, 12V and 5V interfaces.

3.BIOS Setup

3.1 Introduction

The BIOS setup program allows users to modify the basic system configuration. In this following chapter will describe how to access the BIOS setup program and the configuration options that may be changed.

3.2 Starting Setup

The AMI BIOS™ is immediately activated when you first power on the computer. The BIOS reads the system information contained in the NVRAM and begins the process of checking out the system and configuring it. When it finishes, the BIOS will seek an operating system on one of the disks and then launch and turn control over to the operating system.

While the BIOS is in control, the Setup program can be activated in one of two ways:

By pressing or <F2> immediately after switching the system on, or

By pressing the or <F2> key when the following message appears briefly at the left-top of the screen during the POST (Power On Self Test).

Press or <F2> to enter SETUP

If the message disappears before you respond and you still wish to enter Setup, restart the system to try again by turning it OFF then ON or pressing the "RESET" button on the system case. You may also restart by simultaneously pressing <Ctrl>, <Alt>, and <Delete> keys. If you do not press the keys at the correct time and the system does not boot, an error message will be displayed and you will again be asked to.

Press F1 to Continue, DEL to enter SETUP

3.3 Using Setup

In general, you use the arrow keys to highlight items, press <Enter> to select, use the PageUp and PageDown keys to change entries, press <F1> for help and press <Esc> to quit. The following table provides more detail about how to navigate in the Setup program using the keyboard.

Button	Description
↑↓→←	Move
Enter	Select
+/-	Value
Esc	Exit
F1	General Help
F2	Previous Values
F3	Optimized Defaults
F4	Save & Exit Setup
<K>	Scroll help area upwards
<M>	Scroll help area downwards

- **Navigating Through The Menu Bar**

Use the left and right arrow keys to choose the menu you want to be in.



Note: Some of the navigation keys differ from one screen to another.

- **To Display a Sub Menu**

Use the arrow keys to move the cursor to the sub menu you want. Then press <Enter>. A “➤” pointer marks all sub menus.

3.4 Getting Help

Press F1 to pop up a small help window that describes the appropriate keys to use and the possible selections for the highlighted item. To exit the Help Window press <Esc> or <Enter> key.

3.5 In Case of Problems

If, after making and saving system changes with Setup, you discover that your computer no longer is able to boot, the AMI BIOS supports an override to the NVRAM settings which resets your system to its defaults.

The best advice is to only alter settings which you thoroughly understand. To this end, we strongly recommend that you avoid making any changes to the chipset defaults. These defaults have been carefully chosen by both BIOS Vendor and your systems manufacturer to provide the absolute maximum performance and reliability. Even a seemingly small change to the chipset setup has the potential for causing you to use the override.

3.6 BIOS setup

Once you enter the Aptio Setup Utility, the Main Menu will appear on the screen. The Main Menu allows you to select from several setup functions and exit choices. Use the arrow keys to select among the items and press <Enter> to accept and enter the sub-menu.

3.6.1 Main Menu

This section allows you to record some basic hardware configurations in your computer and set the system clock.



3.6.1.1 System Language

This option allows choosing the system default language.

3.6.1.2 System Date

Use the system date option to set the system date. Manually enter the day, month and year.

3.6.1.3 System Time

Use the system time option to set the system time. Manually enter the hours, minutes and seconds.

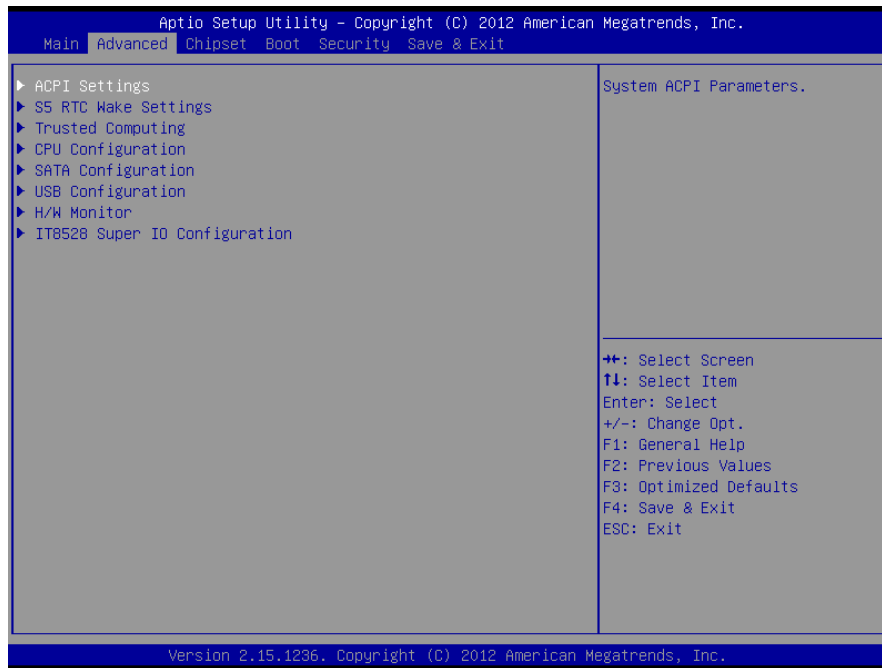


Note: The BIOS setup screens shown in this chapter are for reference purposes only, and may not exactly match what you see on your screen.

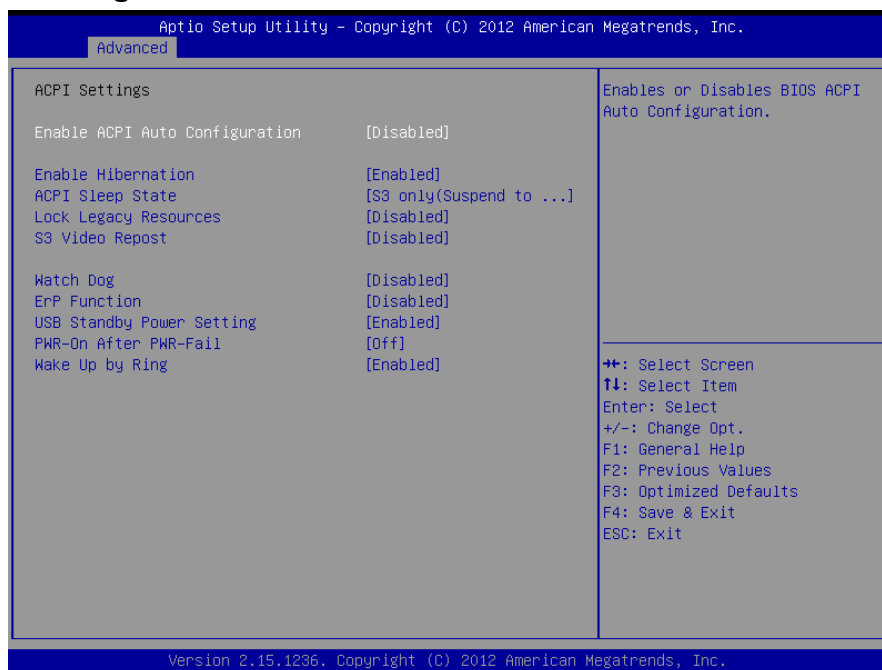
Visit the Avalue website (www.avalue.com.tw) to download the latest product and BIOS information.

3.6.2 Advanced Menu

This section allows you to configure your CPU and other system devices for basic operation through the following sub-menus.



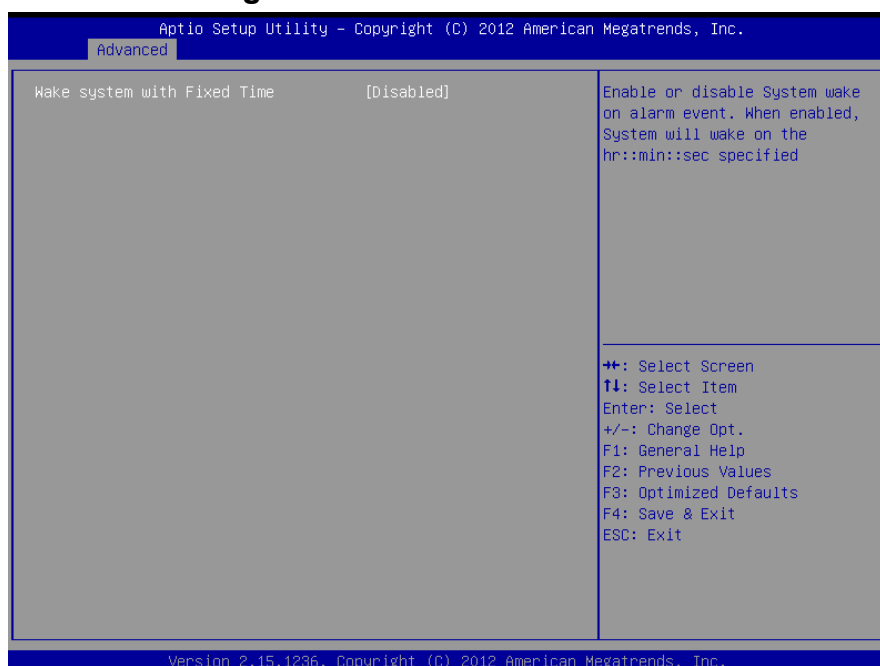
3.6.2.1 ACPI Settings



Item	Options	Description
Enable ACPI Auto Configuration	Disabled [Default] , Enabled	Enables or Disables BIOS ACPI Auto Configuration.
Enable Hibernation	Disabled Enabled [Default] ,	Enables or Disables System ability to Hibernate (OS/S4 Sleep State). This option may be not effective with some

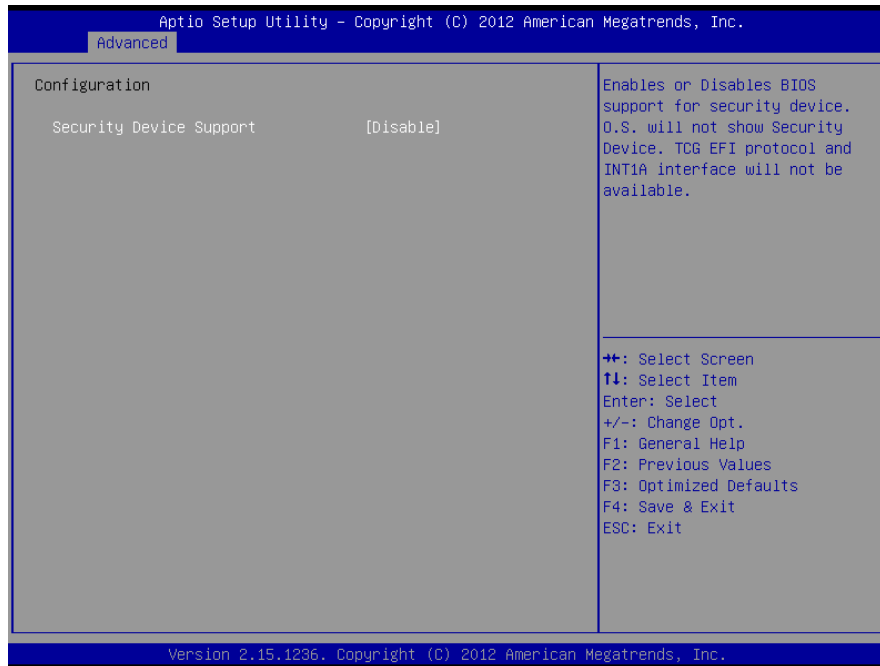
		OS.
ACPI Sleep State	Suspend Disabled, S3 (Suspend to RAM)[Default]	Select the highest ACPI sleep state the system will enter when the SUSPEDN button is pressed.
Lock Legacy Resources	Disabled[Default] Enabled,	Enable or Disable Lock of Legacy Resources
S3 Video Repost	Disabled[Default] Enabled,	Enable or Disable S3 Video Repost
Watch Dog	Disabled[Default], 30 sec 40 sec 50 sec 1 min 2 min 10 min 30 min	Select WatchDog.
ErP Function	Disabled[Default] Enabled,	ErP Function (Deep S5).
USB Standby Power Setting	Disabled Enabled[Default]	Enabled/Disabled USB Standby Power during S3/S4/S5.
PWR-On After PWR-Fail	Off[Default] On Last state	AC loss resume.
Wake Up by Ring	Disabled Enabled[Default]	Wake Up by Ring from S3/S4/S5

3.6.2.2 S5 RTC Wake Settings



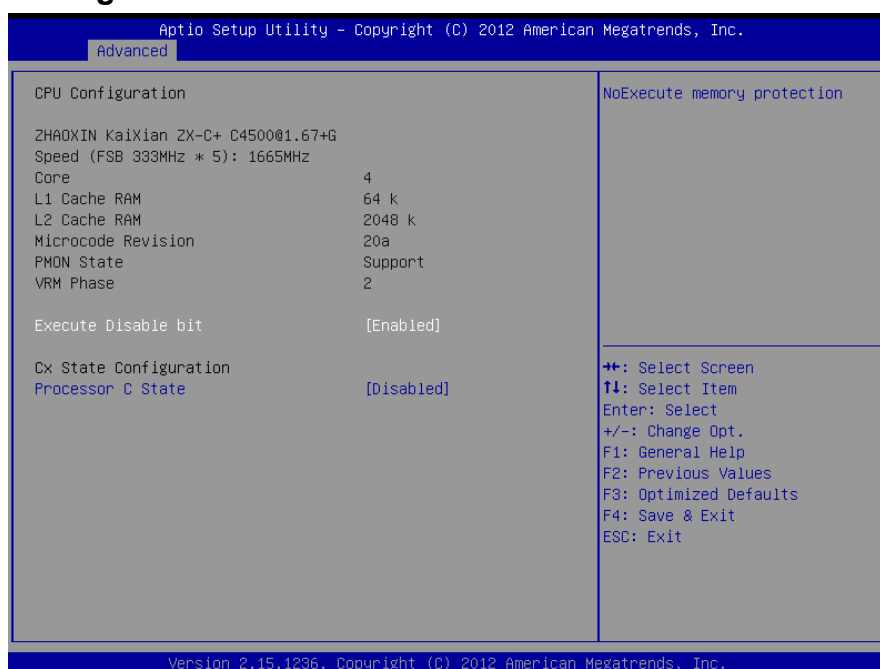
Item	Options	Description
Wake system with Fixed Time	Disable[Default] Enable	Enables or Disables System wake on alarm event. When enabled, System will wake on the hr::min::sec specified

3.6.2.3 Trusted Computing



Item	Options	Description
Security Device Support	Disable[Default] Enable	Enables or Disables BIOS support for security devices. O.S. will not show Security Device. TCG EFI protocol and INT1A interface will not be available.

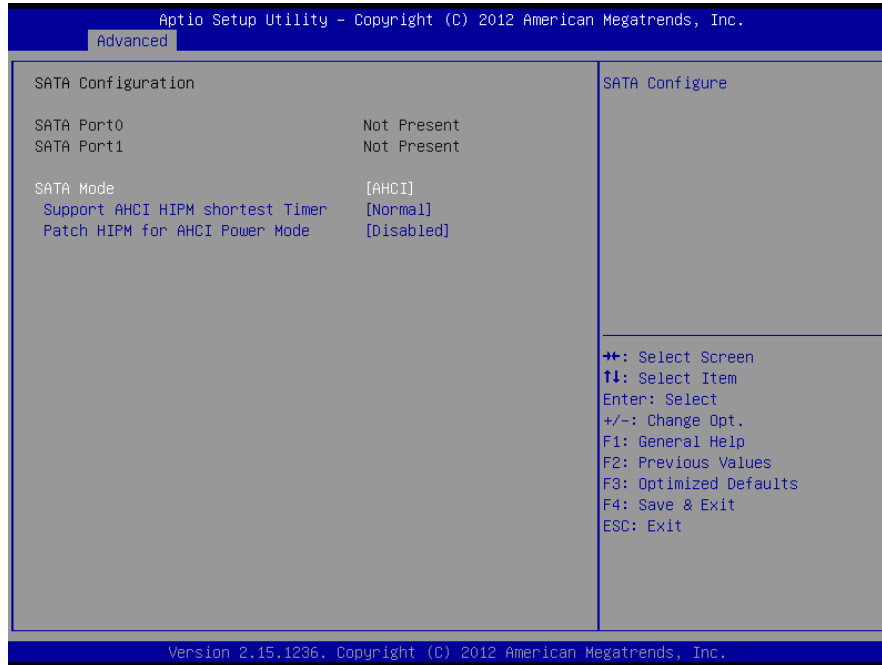
3.6.2.4 CPU Configuration



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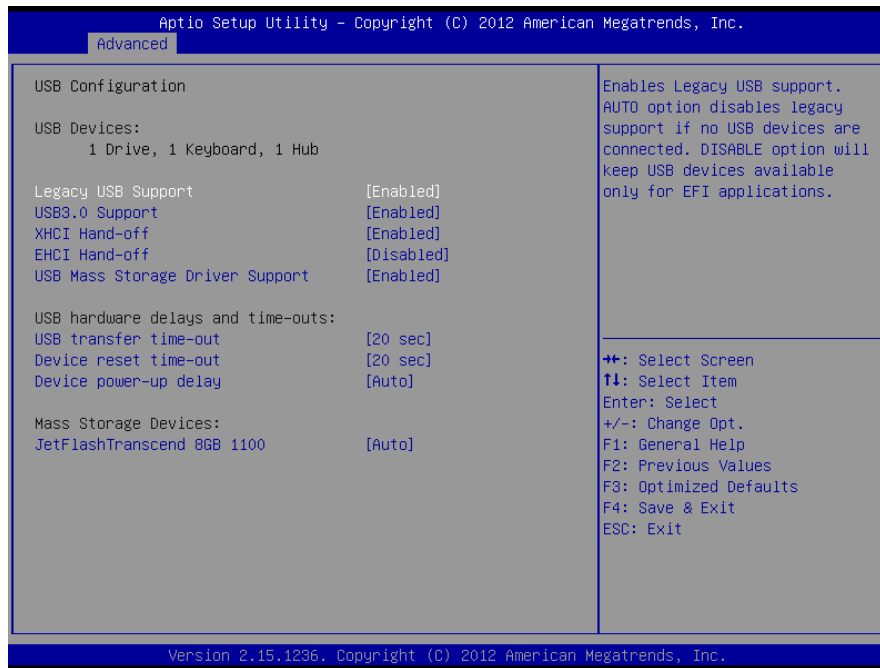
Item	Options	Description
Execute Disable bit	Disabled Enabled[Default],	NoExecute memory protection
Processor C State	Disabled[Default] Enabled,	Main switch for enable Processor C State State support

3.6.2.5 SATA Configuration



Item	Options	Description
SATA Mode	IDE AHCI [Default]	SATA Configure
Support AHCI HIPM shortest Timer	Normal[Default] Shortest Disabled	Support AHCI HIPM shortest Timer select
Patch HIPM for AHCI Power Mode	Disabled[Default] Enabled	In the some SATA device, system will random hang during S3 resume in AHCI power mode, So BIOS can offer patch code for AHCI power mode after S3 resume

3.6.2.6 USB Configuration

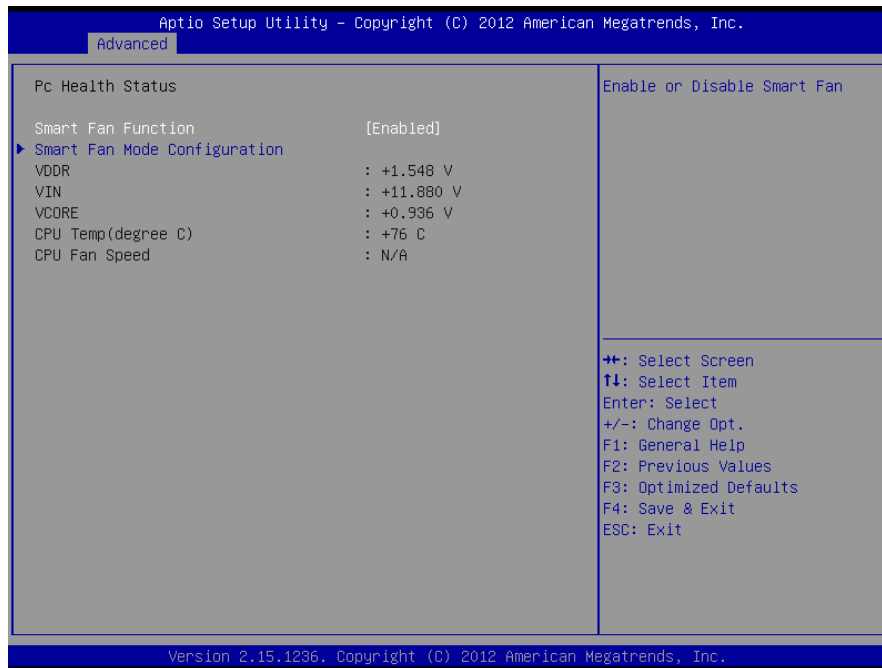


Item	Options	Description
Legacy USB Support	Enabled[Default], Disabled Auto	Enables Legacy USB Support. AUTO option disables Legacy Support if no USB devices are connected. DISABLE option will keep USB devices available only for EFI applications.
USB3.0 Support	Enabled[Default], Disabled	Enable/Disable USB3.0 (XHCI) Controller support.
XHCI Hand-off	Enabled[Default], Disabled	This is a workaround for OSES without XHCI hand-off support. The XHCI ownership change should be claimed by XHCI driver.
EHCI Hand-off	Disabled[Default], Enabled	This is a workaround for OSES without EHCI hand-off support. The EHCI ownership change should be claimed by EHCI driver.
USB Mass Storage Driver Support	Disabled Enabled[Default],	Enable/Disable USB Mass Storage Driver Support.
USB transfer time-out	1 sec 5 sec 10 sec 20 sec[Default],	The time-out value for Control, Bulk, and Interrupt transfers.
Device reset time-out	1 sec 5 sec 10 sec 20 sec[Default],	USB mass storage device Start Unit command time-out.
Device power-up delay	Auto[Default], Manual	Maximum time the device will take before it properly reports itself to the Host Controller. 'Auto' uses default value: for a Root port it is 100ms, for a Hub port the delay is taken from Hub descriptor.
JetFlashTranscend 8GB 1100	Auto[Default], Floppy	Mass storage device emulation type. 'Auto' enumerates devices according to their media format. Optical drives

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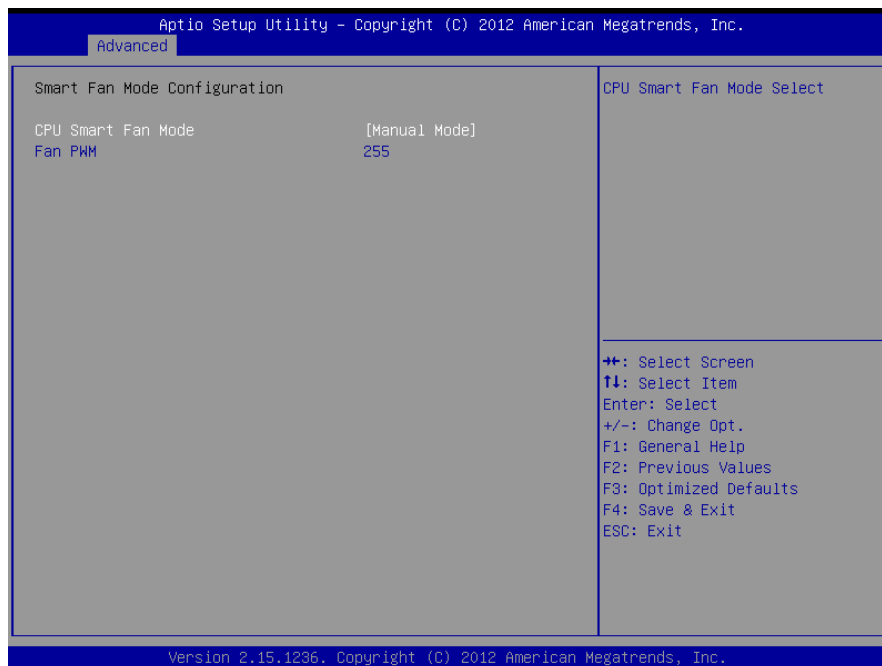
	Forced FDD Hard Disk CD-ROM	are emulated as 'CDROM', drives with no media will be emulated according to a drive type.
--	-----------------------------------	---

3.6.2.7 H/W Monitor



Item	Options	Description
Smart Fan Function	Disabled Enabled[Default],	Enable or Disable Smart Fan

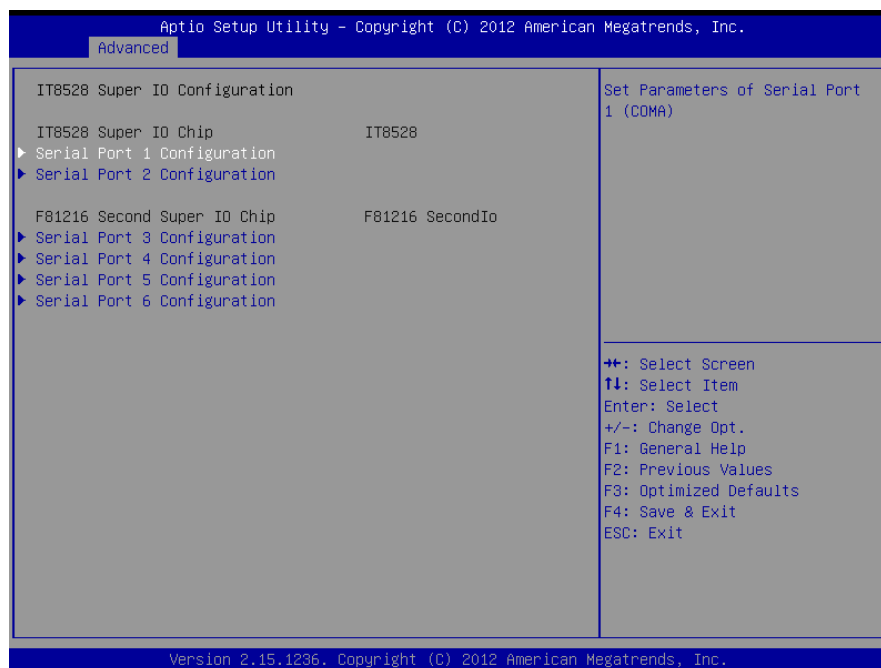
3.6.2.7.1 Smart Fan Mode Configuration



Item	Option	Description
CPU Smart Fan Mode	Manual Mode[Default]/Mode 01/Mode 02/Mode 03/Mode 04/Mode 05/Mode 06/Mode 07/Mode 08/Mode 09/Mode 10/Mode 11/Mode 12/Mode 13/Mode 14/Mode 15/Mode 16/Mode 17/Mode 18/Mode 19/Mode 20	CPU Smart Fan Mode Select
Fan PWM	0-255	Fan PWM duty

3.6.2.8 IT8528 Super IO Configuration

You can use this item to set up or change the IT8528 Super IO configuration for serial ports. Please refer to 3.6.2.5.1~ 3.6.2.5.6 for more information.



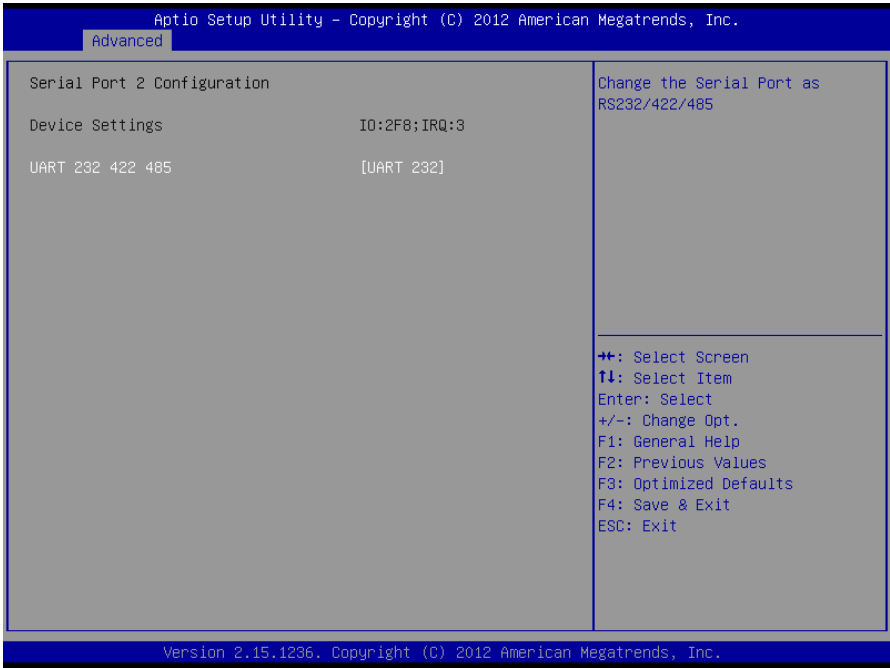
Item	Description
Serial Port 1 Configuration	Set Parameters of Serial Port 1 (COMA).
Serial Port 2 Configuration	Set Parameters of Serial Port 2 (COMB).
Serial Port 3 Configuration	Set Parameters of Serial Port 3 (COMC).
Serial Port 4 Configuration	Set Parameters of Serial Port 4 (COMD).
Serial Port 5 Configuration	Set Parameters of Serial Port 5 (COME).
Serial Port 6 Configuration	Set Parameters of Serial Port 6 (COMF).

3.6.2.8.1 Serial Port 1 Configuration



Item	Option	Description
UART 232 422 485	UART 232[Default], UART 422, UART 485	Change the Serial Port as RS232/422/485.

3.6.2.8.2 Serial Port 2 Configuration



Item	Option	Description
UART 232 422 485	UART 232[Default], UART 422, UART 485	Change the Serial Port as RS232/422/485.

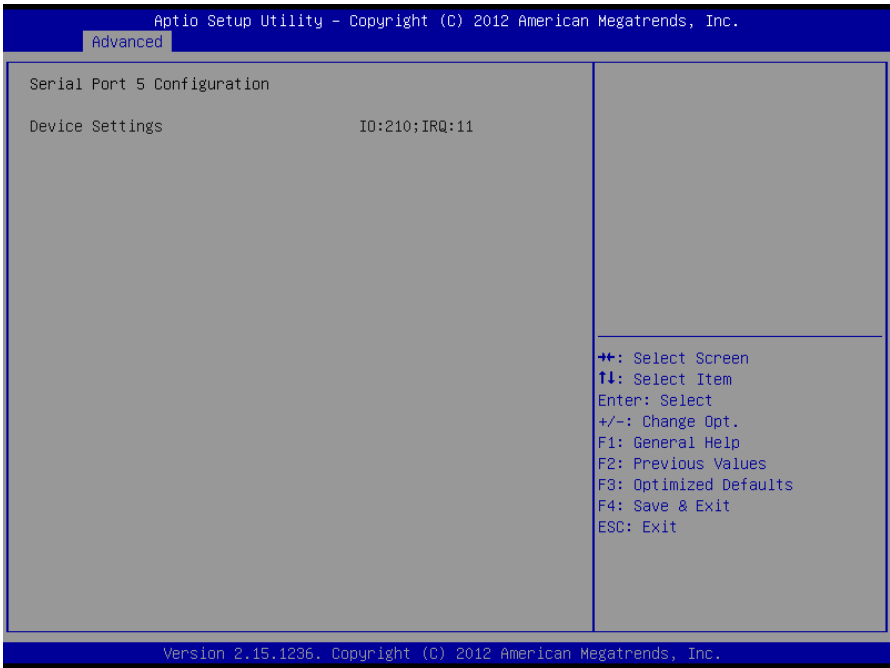
3.6.2.8.3 Serial Port 3 Configuration

Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc.	
Advanced	
Serial Port 3 Configuration	
Device Settings	IO:3E8;IRQ:11
⇄: Select Screen ↑↓: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit	
Version 2.15.1236. Copyright (C) 2012 American Megatrends, Inc.	

3.6.2.8.4 Serial Port 4 Configuration

Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc.	
Advanced	
Serial Port 4 Configuration	
Device Settings	IO:2E8;IRQ:11
⇄: Select Screen ↑↓: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit	
Version 2.15.1236. Copyright (C) 2012 American Megatrends, Inc.	

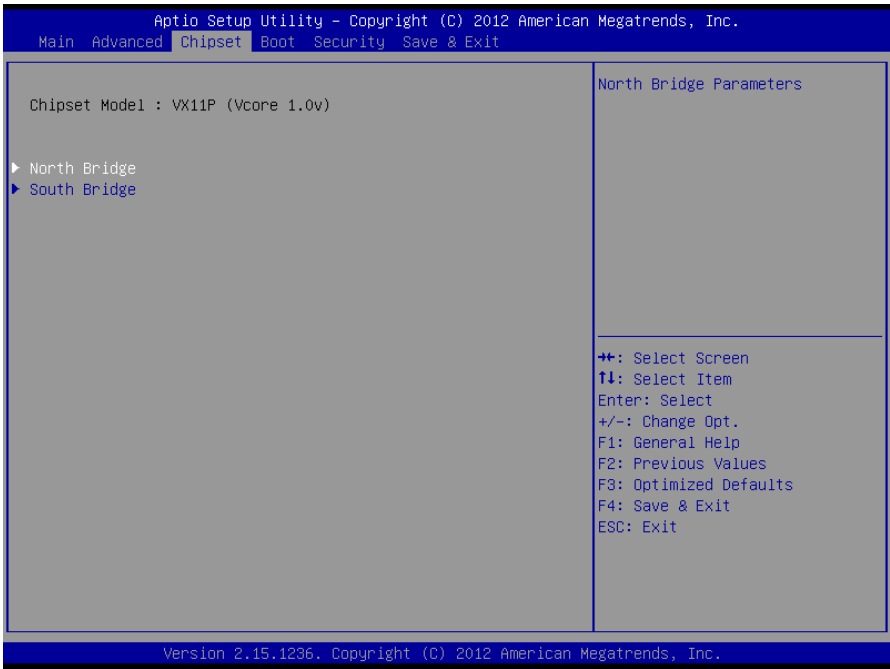
3.6.2.8.5 Serial Port 5 Configuration



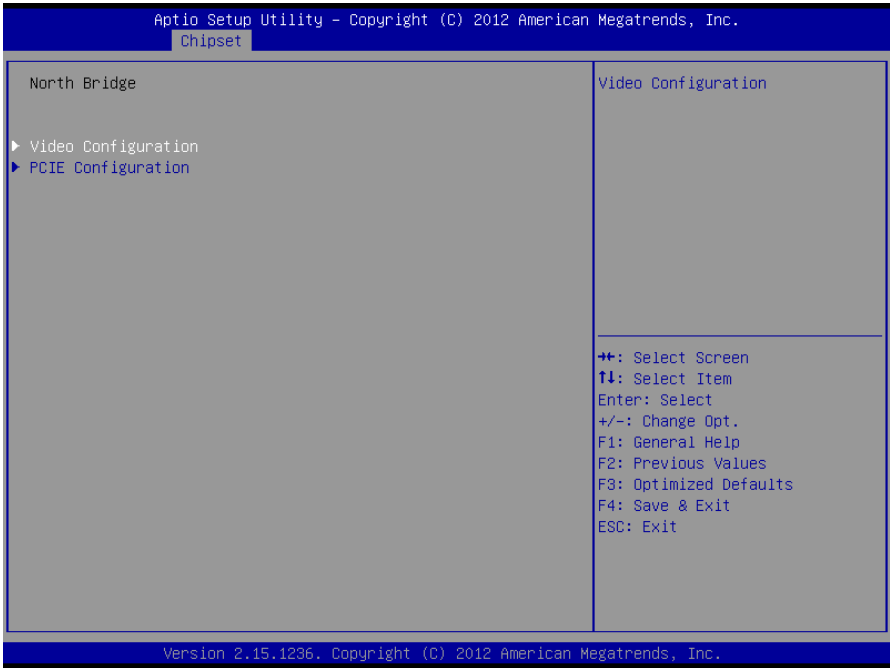
3.6.2.8.6 Serial Port 6 Configuration



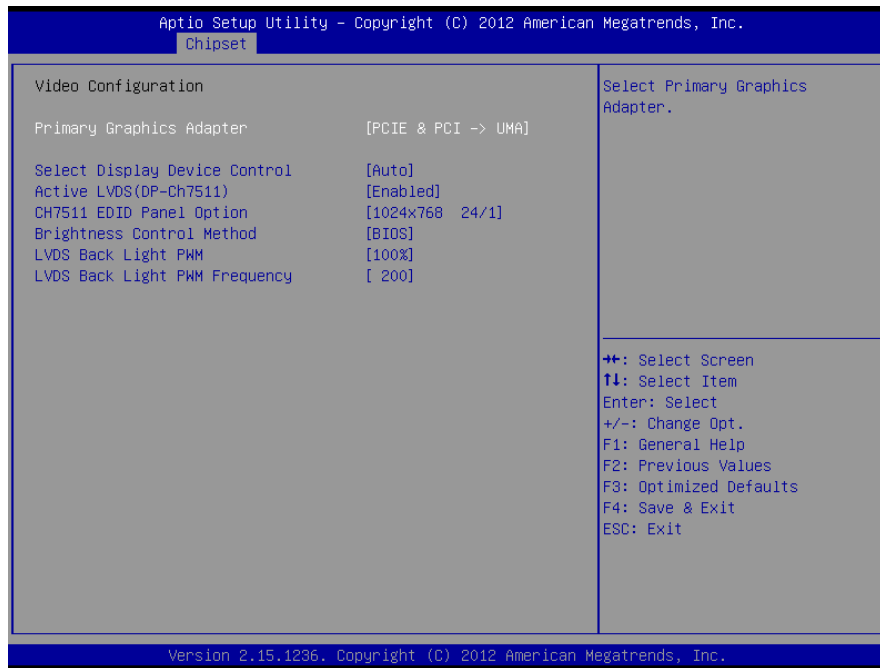
3.6.3 Chipset



3.6.3.1 North Bridge

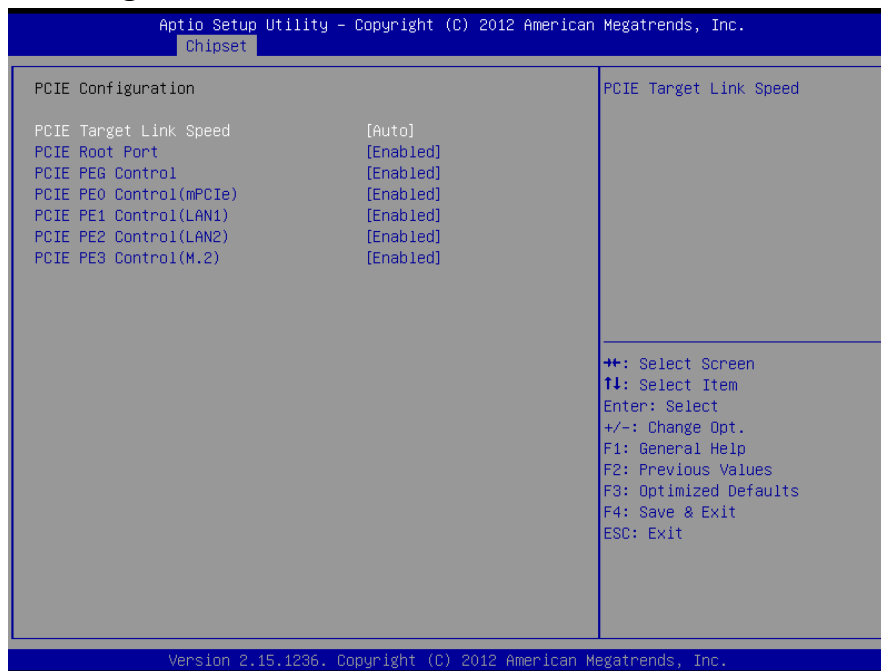


3.6.3.1.1 Video Configuration



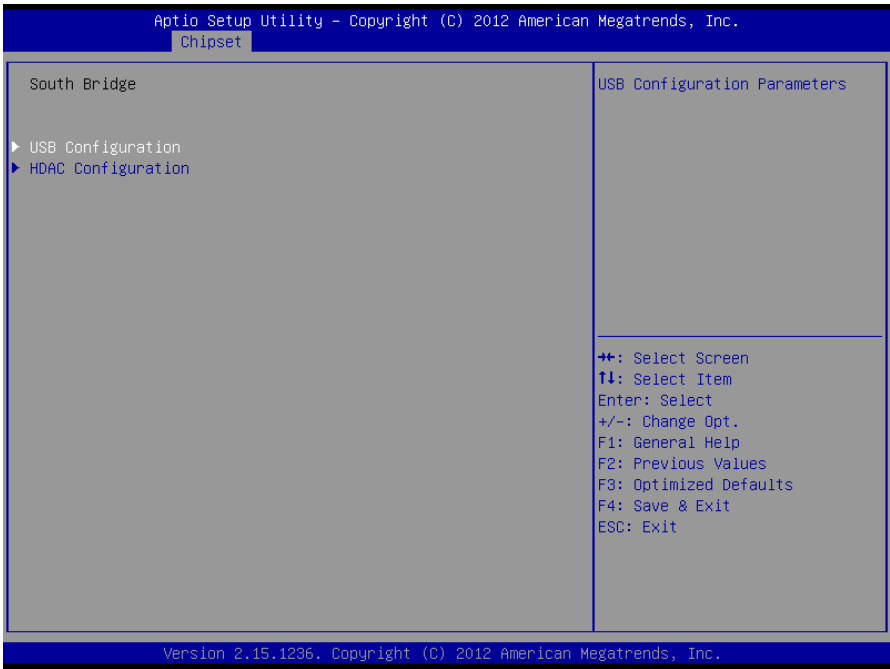
Item	Option	Description
Primary Graphics Adapter	PCIE & PCI -> UMA[Default] UMA I -> PCIE & PCI	Select Primary Graphics Adapter.
Select Display Device Control	Auto[Default] MANUAL	Select Display Device Control
Active LVDS(DP-Ch7511)	Enabled[Default], Disabled	Active Internal LVDS(eDP->Ch7511-to-LVDS)
CH7511 EDID Panel Option	1024x768 24/1[Default], 1280x1024 24/2 1920x1080 24/2	Port1-EDP to LVDS(Chrotel 7511) Panel EDID Option
Brightness Control Method	BIOS[Default], BR Button VR	LVDS Brightness Control Method 1. BIOS 2.BR Button 3.VR
LVDS Back Light PWM	00% 25% 50% 75% 100%[Default],	Select LVDS back Light PWM duty.
LVDS Back Light PWM Frequency	200[Default], 300 400 500 700 1k 2k 3k 5k 10k 20k	Select LVDS back Light PWM Frequency..

3.6.3.1.2 PCIE Configuration

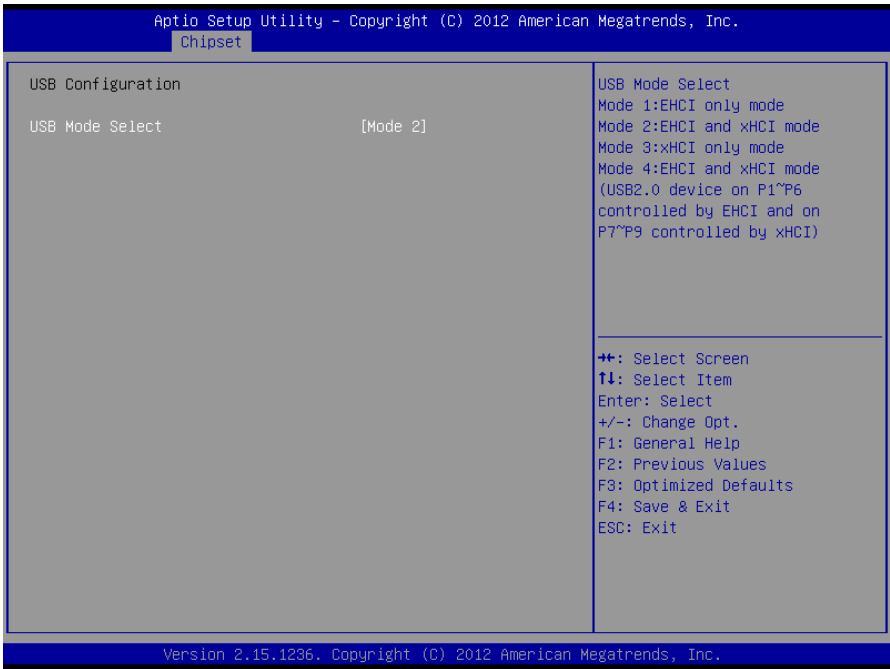


Item	Option	Description
PCIE Target Link Speed	Auto[Default] Force Gen 1	PCIE Target Link Speed
PCIE Root Port	Disabled Enabled[Default],	PCIE Root Port
PCIE PEG Control	Disabled Enabled[Default],	PCIE PEG Control
PCIE PE0 Control(mPCIe)	Disabled Enabled[Default],	PCIE PE0 Control(mPCIe)
PCIE PE1 Control(LAN1)	Disabled Enabled[Default],	PCIE PE1 Control(LAN1)
PCIE PE2 Control(LAN2)	Disabled Enabled[Default],	PCIE PE2 Control(LAN2)
PCIE PE3 Control(M.2)	Disabled Enabled[Default],	PCIE PE3 Control(M.2)

3.6.3.2 South Bridge



3.6.3.2.1 USB Configuration



Item	Option	Description
USB Mode Select	Mode 1 Mode 2[Default] Mode 3 Mode 4	USB Mode Select Mode 1:EHCI only mode Mode 2:EHCI and xHCI mode Mode 3:xHCI only mode Mode 4:EHCI and xHCI mode (USB2.0 device on P1~P6 controlled by EHCI and on P7~P9 controlled by xHCI)

3.6.3.2.2 HDAC Configuration

Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc.

Chipset

HDAC Configuration OnChip HDAC Device [Enabled] AMP Gain Setting [19db]	HDAC Control ⇄: 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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Item	Option	Description
OnChip HDAC Device	Disabled Enabled[Default],	HDAC Control
AMP Gain Setting	11db 14db 19db[Default], 25db	Select AMP Gain db

3.6.4 Boot

Aptio Setup Utility - Copyright (C) 2012 American Megatrends, Inc.

Main Advanced Chipset **Boot** Security Save & Exit

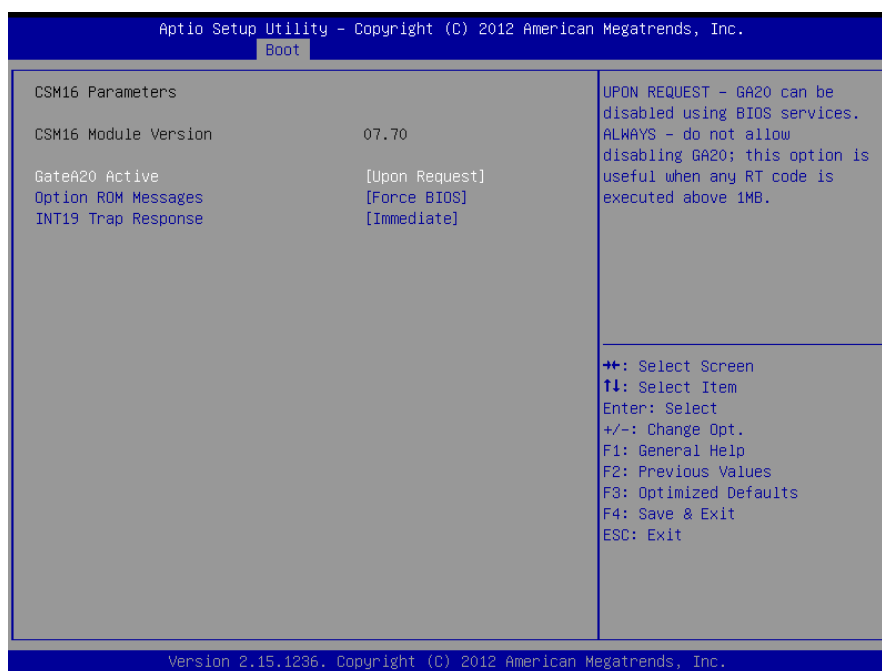
Boot Configuration Setup Prompt Timeout 5 Bootup NumLock State [On] Quiet Boot [Disabled] Boot Option Priorities Boot Option #1 [UEFI: JetFlashTrans...] Boot Option #2 [UEFI: JetFlashTrans...] ▶ CSM16 Parameters CSM parameters	Number of seconds to wait for setup activation key. 65535(0xFFFF) means indefinite waiting. ⇄: 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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BMX-T526

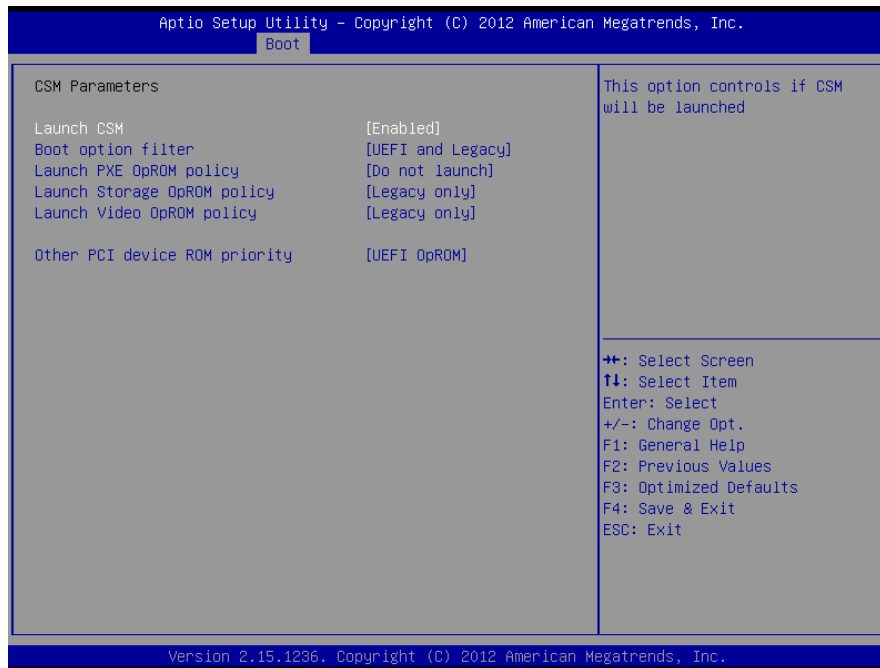
Item	Option	Description
Setup Prompt Timeout	5	Number of seconds to wait for setup activation key. 65535(0xFFFF) means indefinite waiting.
Bootup NumLock State	On[Default] Off	Select the Keyboard NumLock state
Quiet Boot	Disabled[Default] Enabled	Enables or disables Quiet Boot Option
Boot Option #1	Set the system boot order.	
CSM parameters	OpROM execution, boot options filter, etc.	

3.6.4.1 CSM16 Parameters



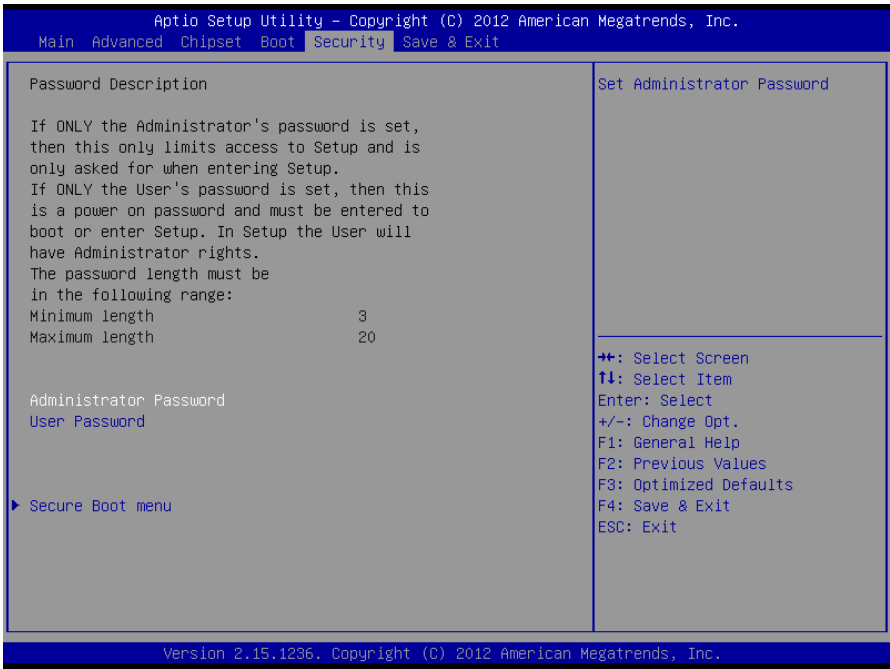
Item	Option	Description
GateA20 Active	Upon Request[Default] Always	UPON REQUEST- GA20 can be disabled using BIOS services. ALWAYS - do not allow disabling GA20; this option is useful when any RT code is executed above 1MB.
Option ROM Messages	Force BIOS[Default] Keep Current	Set display mode for Option ROM
INT19 Trap Response	Immediate[Default] Postponed	BIOS reaction on INT19 trapping by Option ROM: IMMEDIATE - execute the trap right away; POSTPONED - execute the trap during legacy boot.

3.6.4.2 CSM Parameters



Item	Option	Description
Launch CSM	Disabled Enabled [Default]	This option controls if CSM will be launched
Boot option filter	UEFI and Legacy [Default] Legacy only UEFI only	This option controls what devices system can boot to
Launch PXE OpROM policy	Do not launch [Default] Legacy only	Controls the execution of UEFI and Legacy PXE OPROM
Launch Storage OpROM policy	UEFI only Legacy only [Default]	Controls the execution of UEFI and Legacy Storage OpROM
Launch Video OpROM policy	UEFI only Legacy only [Default]	Controls the execution of UEFI and Legacy Video OpROM
Other PCI device ROM priority	UEFI OpROM [Default] Legacy OpROM	For PCI devices other than Network, Mass storage or Video defines which OpROM to launch

3.6.5 Security



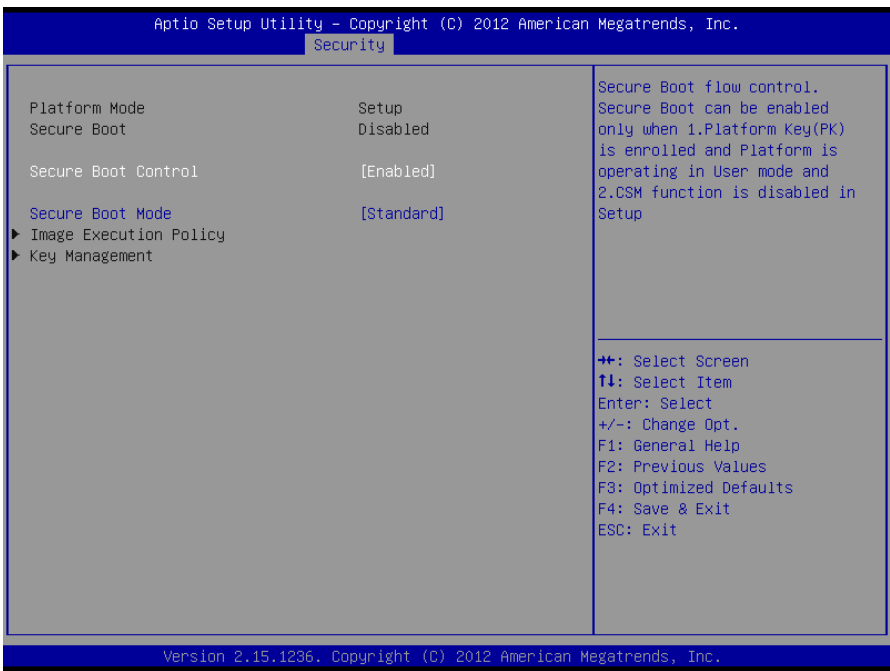
- Administrator Password

Set setup Administrator Password

- User Password

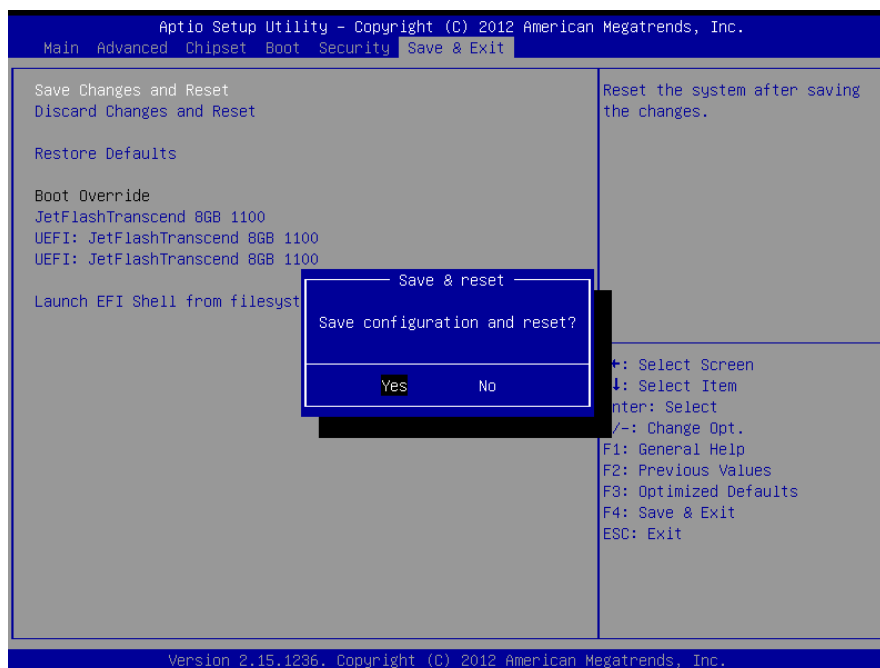
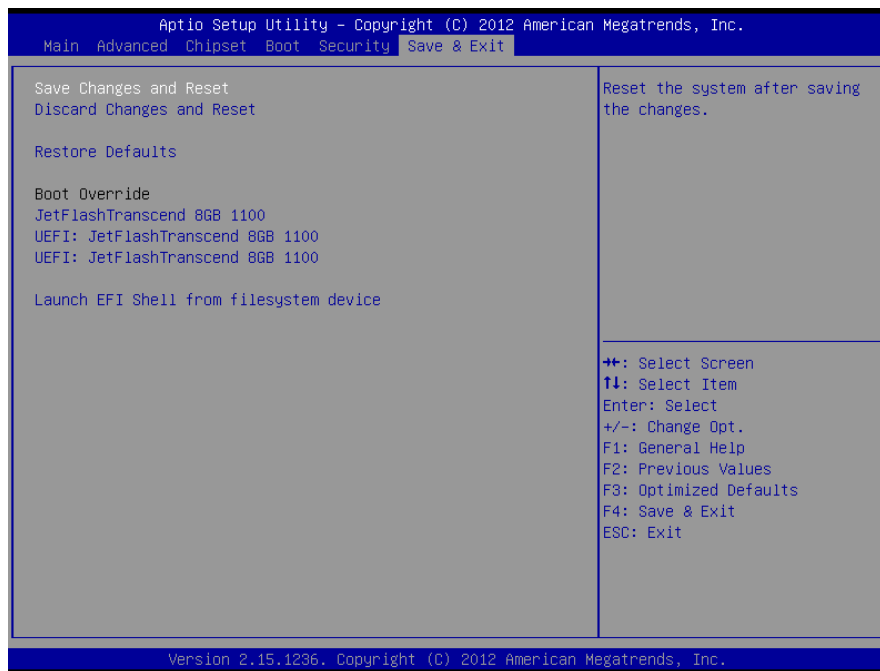
Set User Password

3.6.5.1 Secure Boot menu



Item	Option	Description
Secure Boot Control	Disabled Enabled[Default],	Secure Boot flow control. Secure Boot can be enabled only when 1.Platform Key(PK) is enrolled and Platform is operating in User mode and 2 CSM function is disabled in Setup
Secure Boot Mode	Standard[Default] Custom	Secure Boot mode selector. 'Custom' Mode allows for more flexibility changing Image Execution policy and Secure Boot Key management.

3.6.6 Save and exit



BMX-T526

3.6.6.1 *Save Changes and Reset*

Reset the system after saving the changes.

3.6.6.2 *Discard Changes and Reset*

Reset system setup without saving any changes.

3.6.6.3 *Restore Defaults*

Restore/Load Default values for all the setup options.

3.6.6.4 *Launch EFI Shell from filesystem device*

Attempts to Launch EFI Shell application (Shell.efi) from one of the available filesystem devices.

