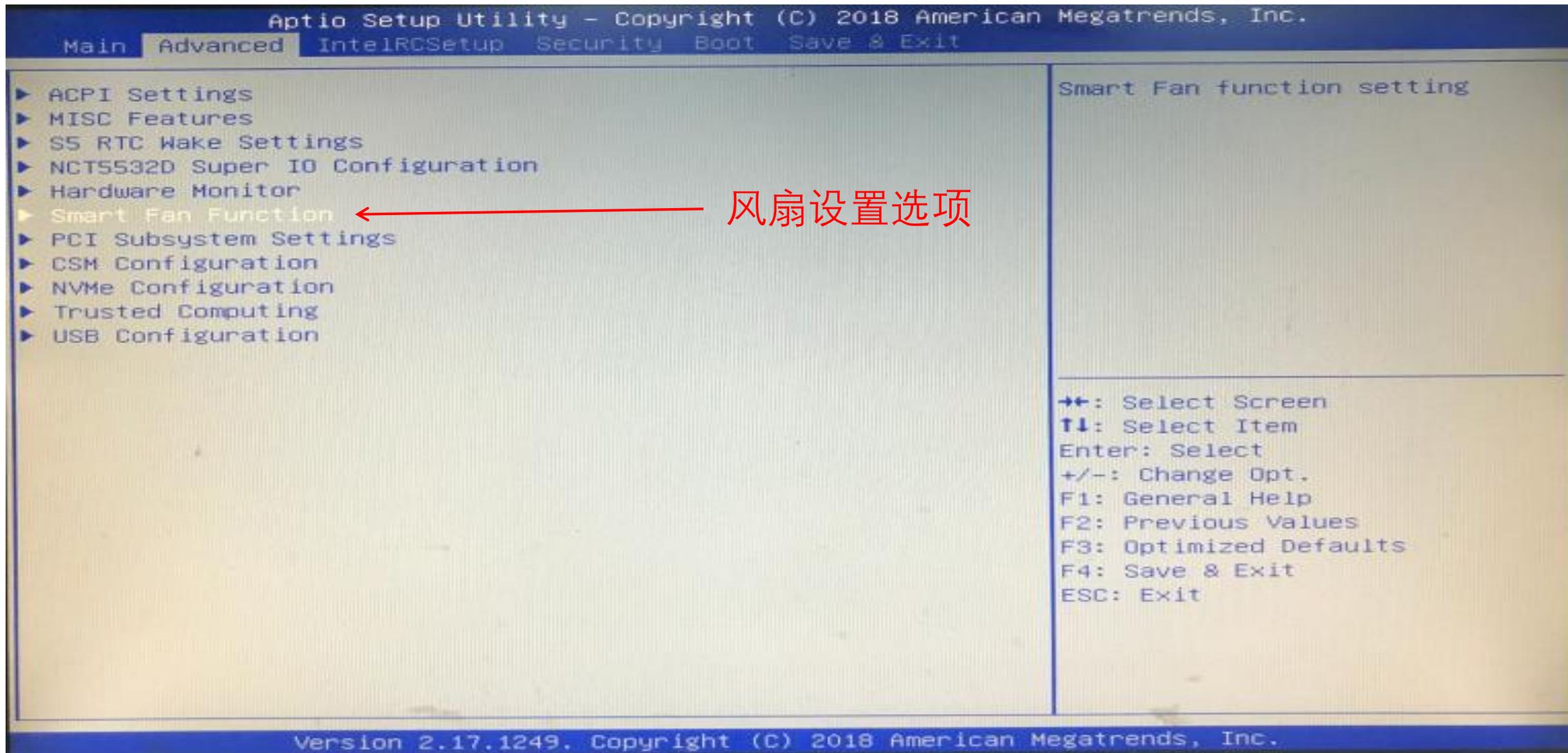


Delete/Esc为进入BIOS键 F4为保存键 F7为快捷启动键

HUANANZHI X99-AD3
GAMING

风扇调速步骤



Advanced

Smart Fan 1 Mode	[Automatic Mode]
Smart Fan Temperature 1	35
Smart Fan Temperature 2	40
Smart Fan Temperature 3	45
Smart Fan Temperature 4	55
Smart Fan Critical Temperature	70
Smart Fan PWM 1	0
Smart Fan PWM 2	70
Smart Fan PWM 3	100
Smart Fan PWM 4	200
Fan work mode with critical Temperature Tolerance	[Full Mode] 3
Smart Fan 2 Mode	[Automatic Mode]
Smart Fan Temperature 1	35
Smart Fan Temperature 2	40
Smart Fan Temperature 3	45
Smart Fan Temperature 4	55
Smart Fan Critical Temperature	70
Smart Fan PWM 1	0
Smart Fan PWM 2	70
Smart Fan PWM 3	100
Smart Fan PWM 4	200
Fan work mode with critical Temperature Tolerance	[Full Mode] 3

Smart Fan 1 Mode Select

风扇温控设置界面/根据
不同风扇的转速/自
定设置合适的数值

←→: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

AC启动设置

Aptio Setup Utility - Copyright (C) 2018 American Megatrends, Inc.

Main Advanced IntelRCSetup Security Boot Save & Exit

- ▶ ACPI Settings
- ▶ **MISC Features**
- ▶ S5 RTC Wake Settings
- ▶ NCT5532D Super IO Configuration
- ▶ Hardware Monitor
- ▶ Smart Fan Function
- ▶ PCI Subsystem Settings
- ▶ CSM Configuration
- ▶ NVMe Configuration
- ▶ Trusted Computing
- ▶ USB Configuration

AC设置选项

MISC Feature Settings

←

←←: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

Version 2.17.1249. Copyright (C) 2018 American Megatrends, Inc.

Advanced

MISC Feature Settings

Power Loss: [Power Off]

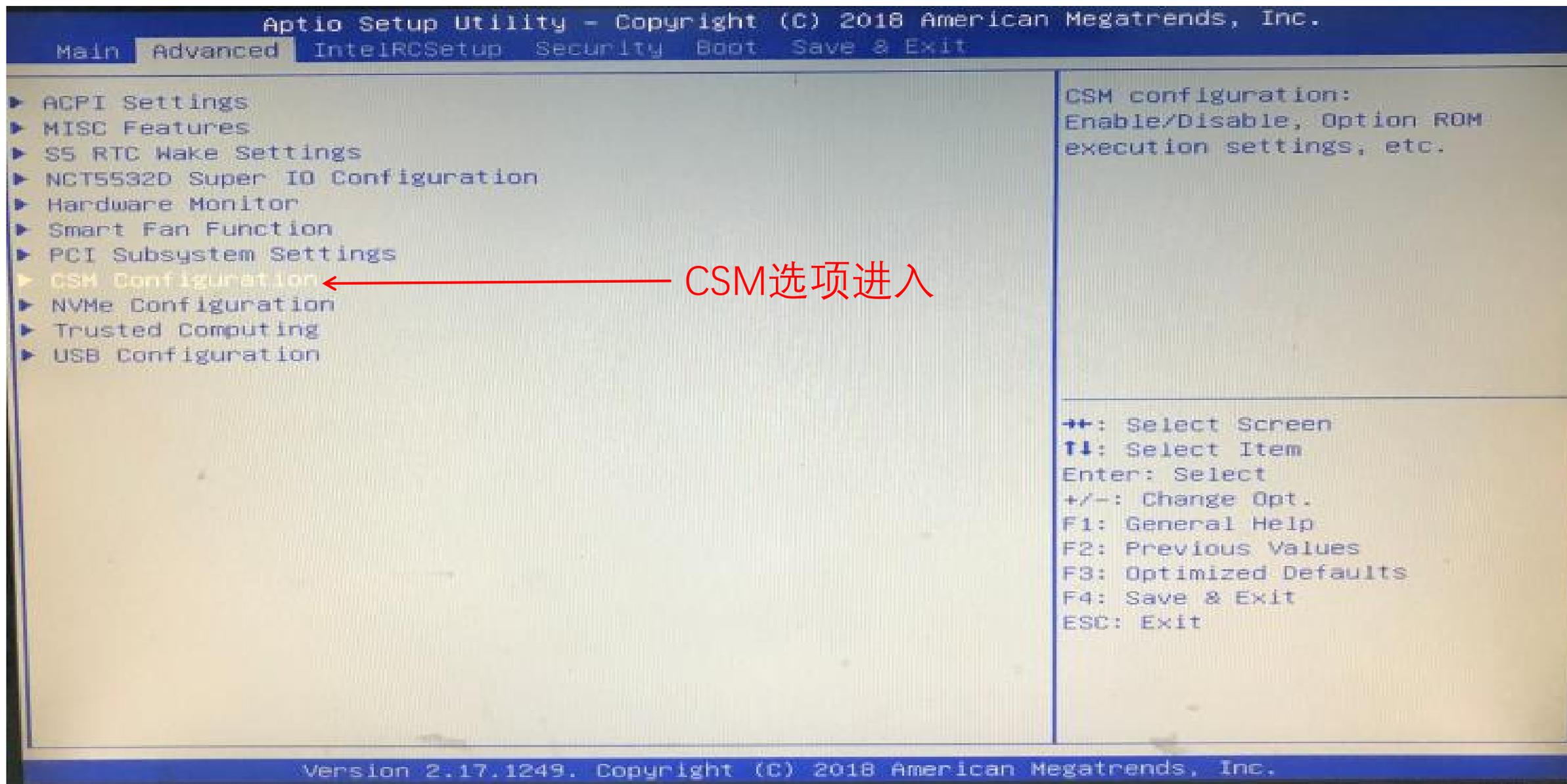
Power Loss

- Power Off
- Power On**
- Last State

AC 开启/关闭界面 on为开启 /off为关闭

←→: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

网卡启动设置



Advanced

Compatibility Support Module Configuration

CSM Support [Enabled]
CSM16 Module Version 07.76
GateA20 Active [Upon Request]
Option ROM Messages [Keep Current]
Boot option filter [UEFI and Legacy]
Option ROM execution [Network]
[Do not launch]
[UEFI]
[Legacy]
[UEFI]

Controls the execution of UEFI and Legacy PXE OpROM

Do not launch为关闭网卡启动
Legacy为开启网卡启动 BIOS默认设置为关闭需要手动设置打开

Network
Storage
Video
Other PCI devices

++: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

VT-X设置

Aptio Setup Utility - Copyright (C) 2018 American Megatrends, Inc.

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

RC Revision 1.1.7

▶ Processor Configuration ← 此选项进入

▶ Advanced Power Management Configuration

▶ QPI Configuration

▶ Memory Configuration

▶ IIO Configuration

▶ PCH Configuration

▶ OverClocking Feature

▶ Miscellaneous Configuration

▶ Server ME Configuration

Setup Warning:
Setting items on this Screen to incorrect values
may cause system to malfunction!

Display and provides option to change the Processor Settings

←+ : Select Screen
↑↓ : Select Item
Enter : Select
+/- : Change Opt.
F1 : General Help
F2 : Previous Values
F3 : Optimized Defaults
F4 : Save & Exit
ESC : Exit

Version 2.17.1249, Copyright (C) 2018 American Megatrends, Inc.

Processor Configuration

▶ Per-Socket Configuration

Processor Socket Socket 0
Processor ID 000306F2
Processor Frequency 2.500GHZ
Processor Max Ratio 19H
Processor Min Ratio 0CH
Microcode Revision 00000038
L1 Cache RAM 768KB
L2 Cache RAM 3072KB
L3 Cache RAM 30720KB
Processor 0 Version Intel(R) Xeon(R) CPU E5-2678 v3 @ 2.50GHz

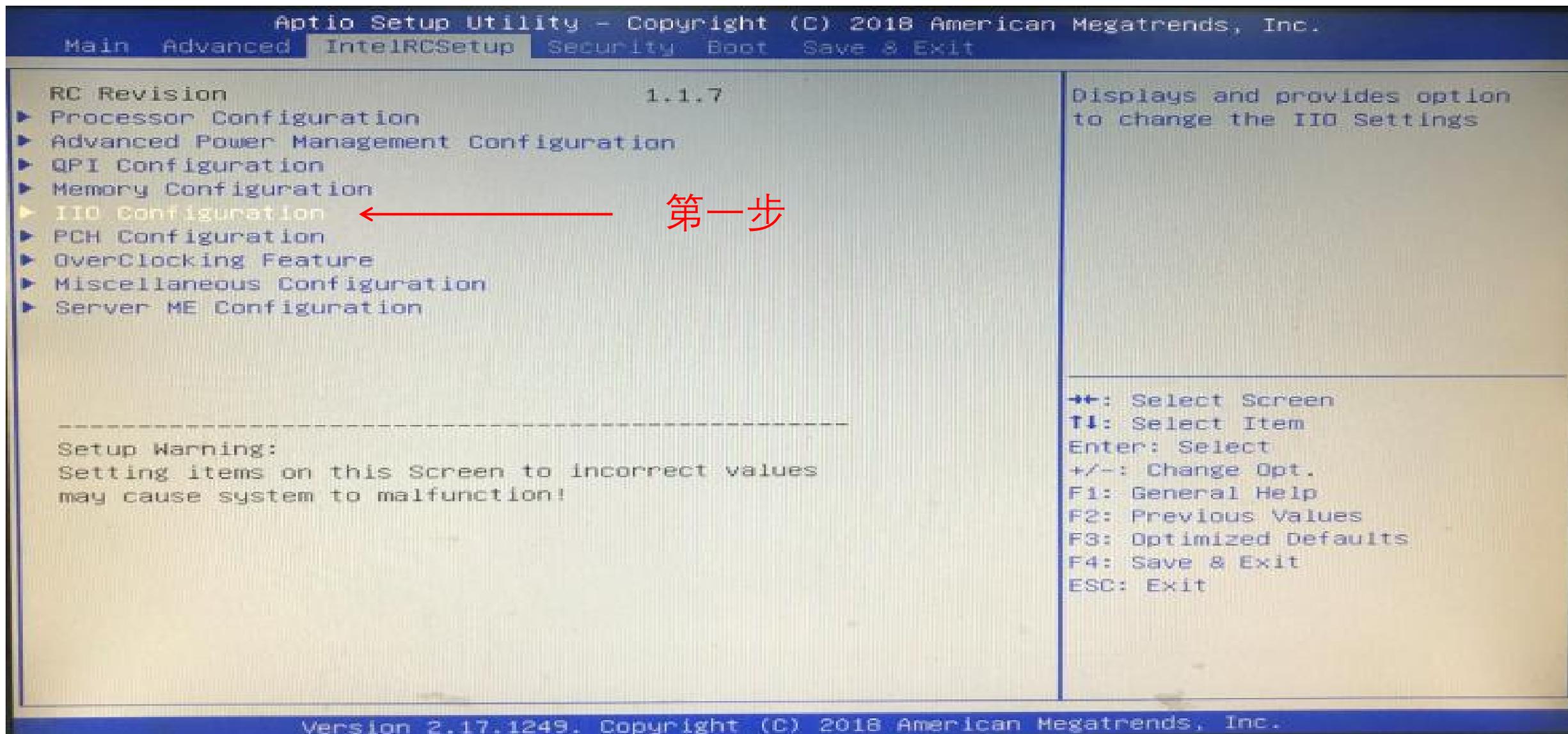
Hyper-Threading [ALL] [Enable]
Execute Disable Bit [Enable]
Enable Intel TXT Support [Disable]
VMX [Enable]
Enable SMX [Disable]
MSR Lock Control [Enable]
Lock Chipset [Enable]
PPIN Control [Unlock/Enable]
DEBUG INTERFACE [Disable]
Hardware Prefetcher [Enable]

▲ Enables the Vanderpool Technology, takes effect after reboot.

此项为VT-X选项
Disable为关闭
Enable为开启

←→: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

VT-D设置



IIO Configuration

PCIe Train by BIOS [yes]
PCIe Hot Plug [Disable]
PCIe ACPI Hot Plug [Disable]
EV DFX Features [Disable]

- ▶ IIO0 Configuration
- ▶ IOAT Configuration
- ▶ IIO General Configuration
- ▶ Intel VT for Directed I/O (VT-d) ←

第二步

PCI Express Global Options

TX EQ WA [Enable]
DMI Vc1 Control [Enable]
DMI Vcp Control [Enable]
DMI Vcm Control [Enable]
VCO No-Snoop Configuration [Disable]
Gen3 Phase3 Loop Count [16]
Skip Halt On DMI Degradation [Disable]
Power down unused ports [Disable Unused Port...]
SLD WA Revision [Auto]
RX Clock WA [Disable]
PCI-E ASPM Support (Global) [L1 Only]
PCIe Stop & Scream Support [Disable]

▲ Press <Enter> to bring up the Intel VT for Directed I/O (VT-d) Configuration menu.

◆◆: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

Intel VT for Directed I/O (VT-d)

VTd Azalea VcP Optimizations	[Disable]
Intel VT for Directed I/O (VT-d)	[Enable]
Interrupt Remapping	[Enable]
Coherency Support (Non-Isch)	[Enable]
Coherency Support (Isch)	[Enable]

Enable/Disable Intel Virtualization Technology for Directed I/O (VT-d) by reporting the I/O device assignment to VMM through DMAR ACPI Tables.

此项为VT-D选项
Disable为关闭
Enable为开启

←+ : Select Screen
←↓ : Select Item
Enter : Select
+/- : Change Opt.
F1 : General Help
F2 : Previous Values
F3 : Optimized Defaults
F4 : Save & Exit
ESC : Exit

S3睡眠设置

Aptio Setup Utility - Copyright (C) 2018 American Megatrends, Inc.

Advanced

ACPI Settings

Enable ACPI Auto Configuration [Disabled]
Enable Hibernation [Enabled]
ACPI Sleep State [Suspend Disabled]
Lock Legacy Resources [Disabled]

Select the highest ACPI sleep state the system will enter when the SUSPEND button is pressed.

选择此项保存后S3睡眠模式即可生效

ACPI Sleep State
Suspend Disabled
S3 (Suspend to RAM)

→: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

Version 2.17.1249. Copyright (C) 2018 American Megatrends, Inc.

UEFI/传统模式设置

Aptio Setup Utility - Copyright (C) 2018 American Megatrends, Inc.

Advanced

Compatibility Support Module Configuration

CSM Support [Enabled]

CSM16 Module Version 07.76

GateA20 Active [Upon Request]

Option ROM Messages [Keep Current]

Boot option filter [UEFI and Legacy]

Option ROM execution

Network

Storage

Video

Other PCI devices

[UEFI]

This option controls Legacy/UEFI ROMs priority

UEFI and Legacy为UEFI加传统模式
Legacy only春传统模式
UFI only 为纯UEFI模式
默认设定为UEFI+传统模式

Boot option filter

UEFI and Legacy

Legacy only

UEFI only

++: Select Screen

↑↓: Select Item

Enter: Select

+/-: Change Opt.

F1: General Help

F2: Previous Values

F3: Optimized Defaults

F4: Save & Exit

ESC: Exit

Version 2.17.1249. Copyright (C) 2018 American Megatrends, Inc.