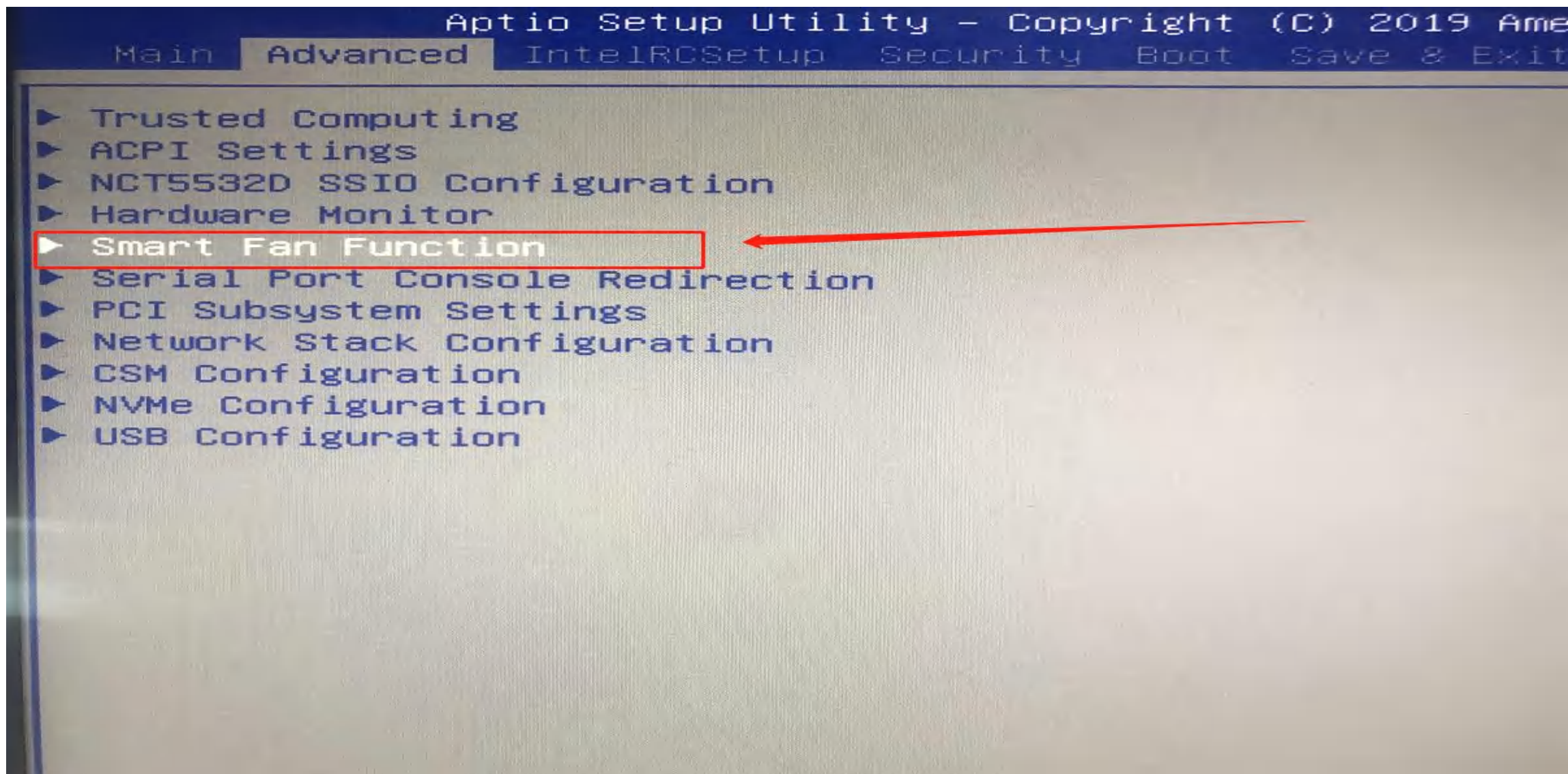


X99 AD3

风扇调速

快捷启动按键为 F7
保存按键为 F4



Advanced

CPU Smart Fan Setting

CPU Smart Fan Mode

[Automatic Mode]

Critical temperature

60

Fan work mode with critical

[Full Mode]

Smart Fan Temperature 1

25

Smart Fan Temperature 2

35

Smart Fan Temperature 3

45

Smart Fan Temperature 4

55

Smart Fan PWM 1

40

Smart Fan PWM 2

70

Smart Fan PWM 3

100

Smart Fan PWM 4

230

Tolerance value

0

温度挡位

风扇挡位

4个挡位温度对应
4个挡位的转速百分比
转速最高调节255为
全速转动

CPU Sm

→←: Se

↑↓: Se

Enter:

+/-: Cl

F1: Ge

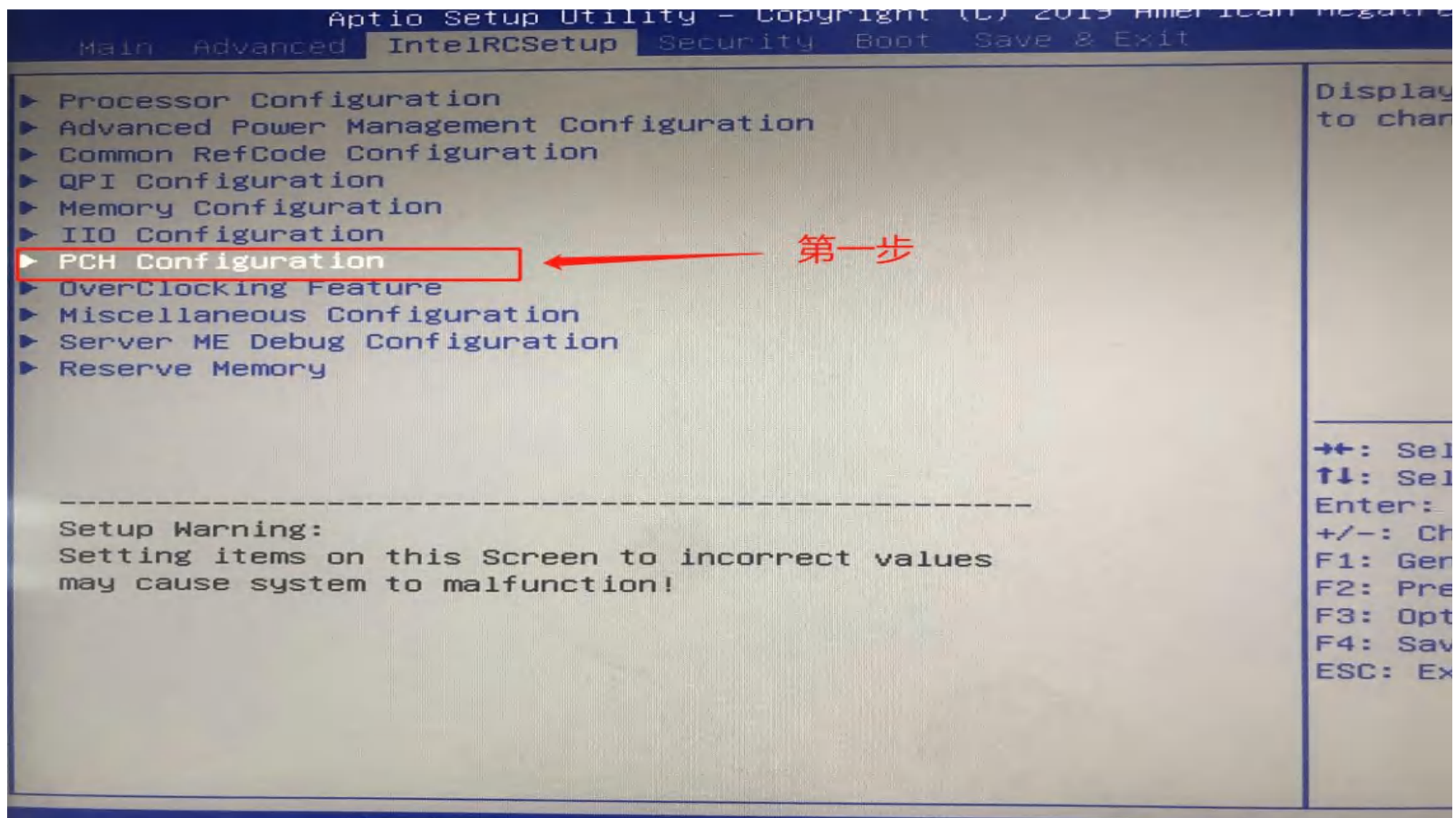
F2: Pr

F3: Op

F4: Sav

ESC: Ex

硬盘热插拔



PCH Configuration

-
- Onboard Lan [Enabled]
- Onboard Azalia [Auto]
- PCH Devices
- PCI Express Configuration
- PCH sSATA Configuration
- **PCH SATA Configuration**
- USB Configuration
- Security Configuration
- Azalia Configuration
- Platform Thermal Configuration

SATA dev

第二步

→←: Select
↑↓: Select
Enter: Se
+/-: Char
F1: Gener
F2: Prev
F3: Optim
F4: Save
ESC: Exit

PCH SATA Configuration

```
SATA Controller [Enabled]
```

```
Configure SATA as [AHCI]
```

```
SATA test mode [Disabled]
```

► SATA Mode options

SATA AHCI LPM [Enabled]

SATA AHCI ALPM [Enabled]

SATA Port 0 [Not Installed]

Software Preserve

Port 0

Hot Plug

Configure as eSATA

Configured as eSATA

Spin Up Device

SATA Device Type

SATA Port 1

Software Preserve

Port 1

Hot Plug

Configure as eSATA

Configured as eSATA

Spin Up Device

SATA Device Type

[Not Installed]

Hot Plug

Disabled

Enabled

H

[Disabled]

关闭 Disk Drive

[Not In

Unknown

[Enabled]

[Disabled]

[Disabled]

Hot Plug s

[Disabled]

Designates
Pluggable.

⇄: Select

↑↓: Select

Enter: Sele

+/-: Change

E1 • General

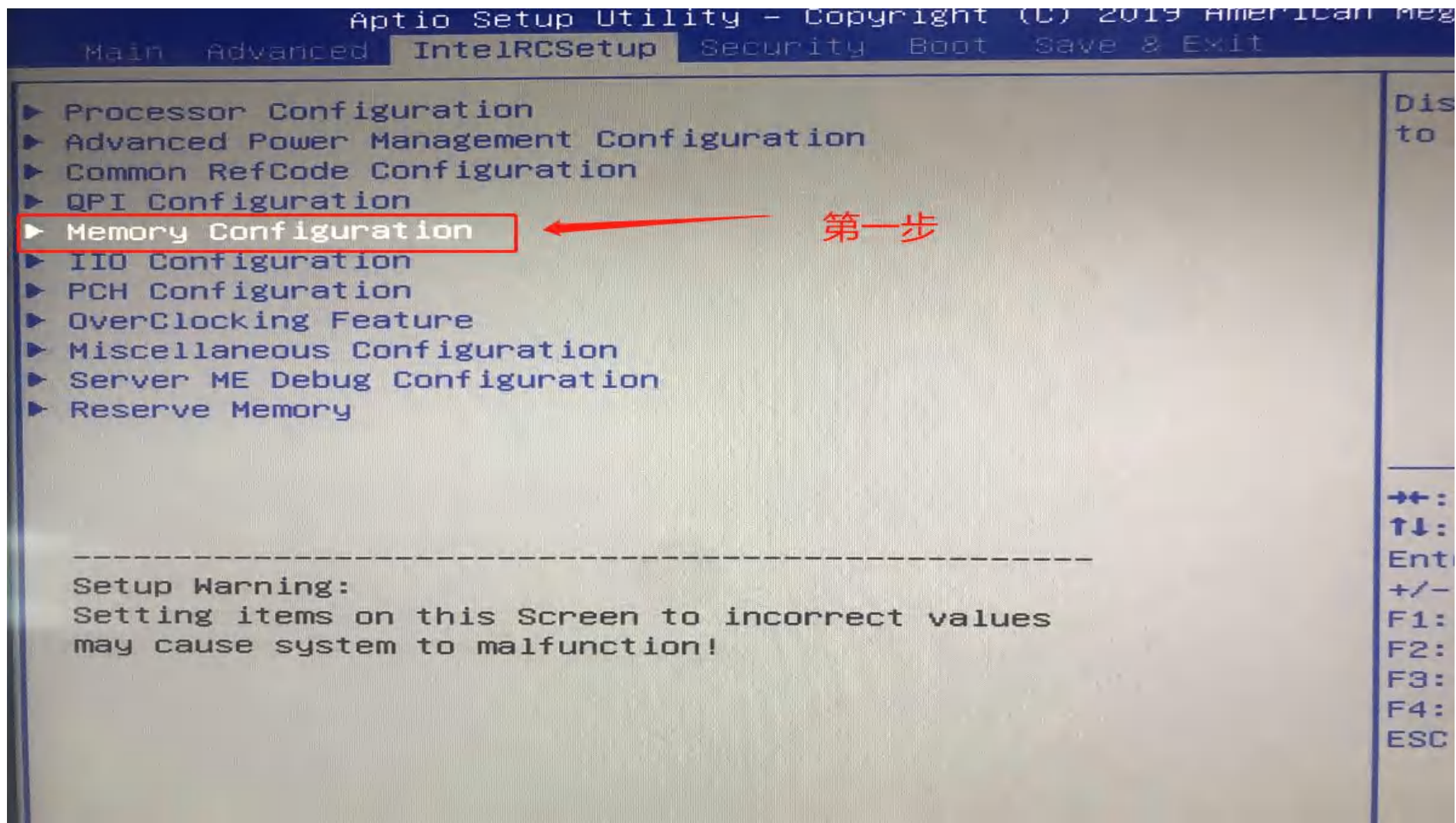
F2: Previous

E3: Optimize

F4: Save & Exit

ESC: Exit

内存频率



Integrated Memory Controller (iMC)

Enforce POR

PPR Type

PPR Error Injection test

Memory Frequency

DDR3 Voltage Level

MRC Promote Warnings

Promote Warnings

Halt on mem Training Error

Multi-Threaded MRC

ECC Support

Enforce Timeout

Enhanced Log Parsing

BSSA Module Loader

Backside RMT

Rank Multiplication

LRDIMM Module Delay

MemTest

MemTestLoops

Dram Maintenance Test

Dram Maintenance Test Direction

Dram Maintenance Test Inversion

Memory Frequency

Auto

800

1000

1067

1200

1333

1400

1600

1800

1867

2000

2133

2200

2400

2600

2667

Reserved

Reserved

Reserved

[Disabled]

Maximum
Select
select

→←: Sel

↑↓: Sel

Enter:

+/-: Ch

F1: Gen

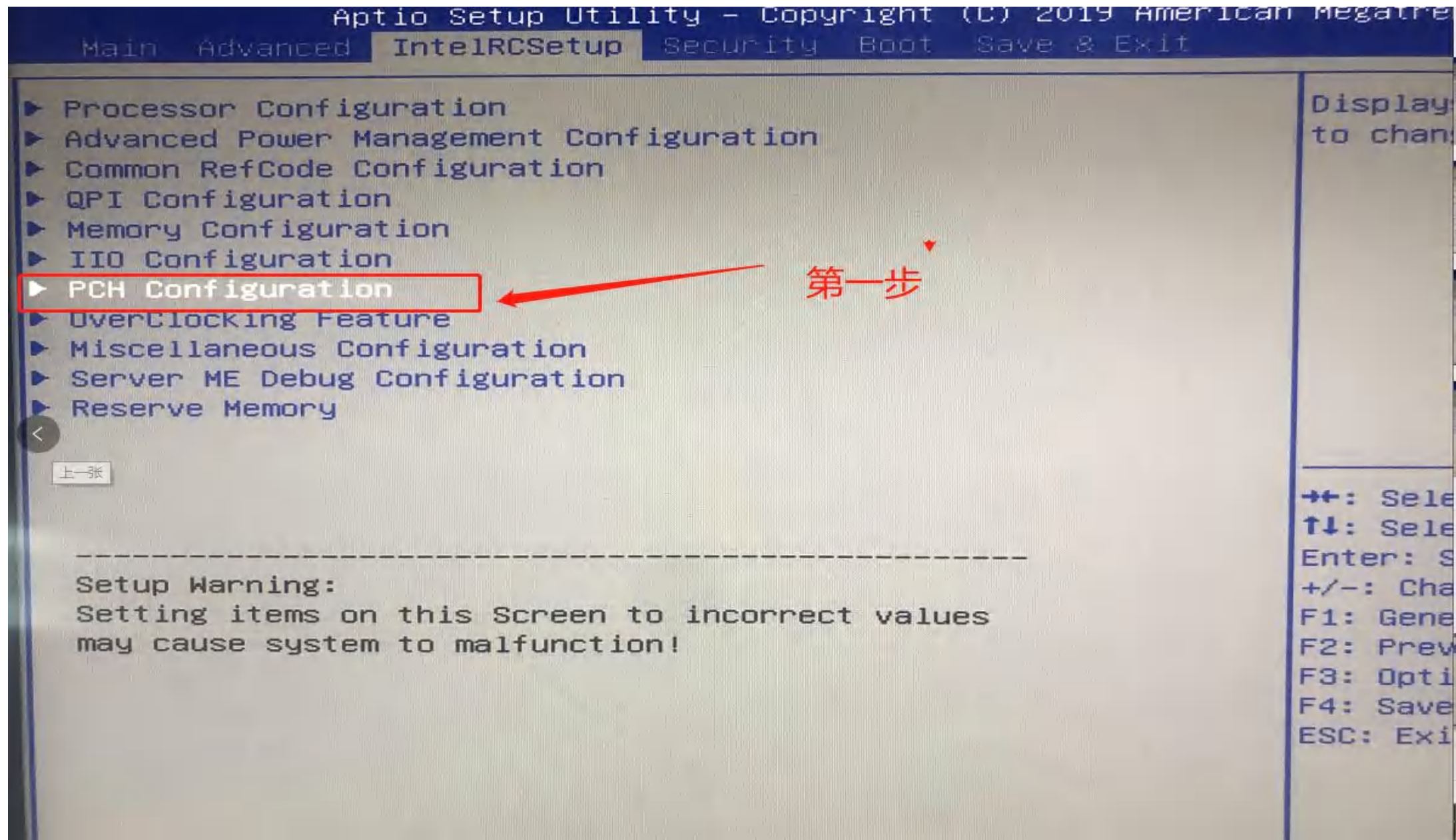
F2: Pre

F3: Opt

F4: Sav

ESC: Ex

AC启动



PCH Configuration

Onboard Lan [Enabled]
Onboard Azalia [Auto]

- ▶ PCH Devices
- ▶ PCI Express Configuration
- ▶ PCH sSATA Configuration
- ▶ PCH SATA Configuration
- ▶ USB Configuration
- ▶ Security Configuration
- ▶ Azalia Configuration
- ▶ Platform Thermal Configuration

En
Co

→←
↑↓
Ent
+/-
F1:
F2:
F3:
F4:
ESC

IntelRCSetup

Board Capability	[DeepSx]
DeepSx Power Policies	[Disabled]
GP27 Wake From DeepSx	[Disabled]
SMBUS Device	[Enabled]
PCH Server Error Reporting Mode (S	[Disabled]
PCH Display	[Enabled]
Serial IRQ Mode	[Quiet]
External SSC Enable - CK420	[Disabled]
Restore AC after Power Loss	[Power Off]
PCH CRID	[Disabled]

Select
state

第三步

Restore AC after Power Loss

Power On

Power Off

Last State

OFF为关闭
ON为开启
此处默认关闭

下一张

+/-: Ch

F1: Ger

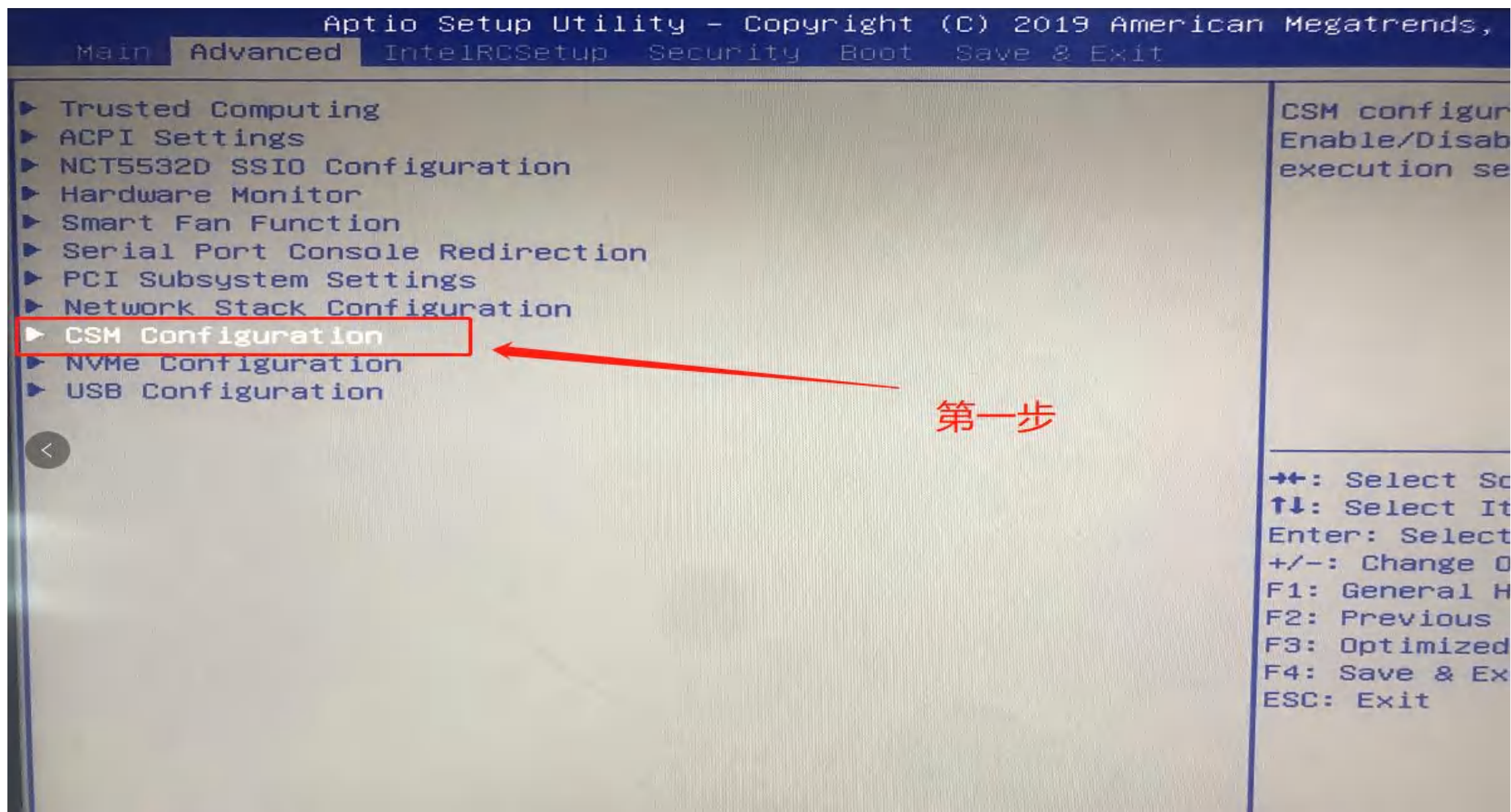
F2: Pre

F3: Opt

F4: Sav

ESC: Ex

网卡启动



Advanced

Compatibility Support Module Configuration

CSM Support [Enabled]

CSM16 Module Version 07.79

GateA20 Active [Upon Request]

Option ROM Messages [Force BIOS]

Boot option filter [UEFI and Legacy]

Option ROM execution

Network

Storage

Video

Other PCI devices

第二步

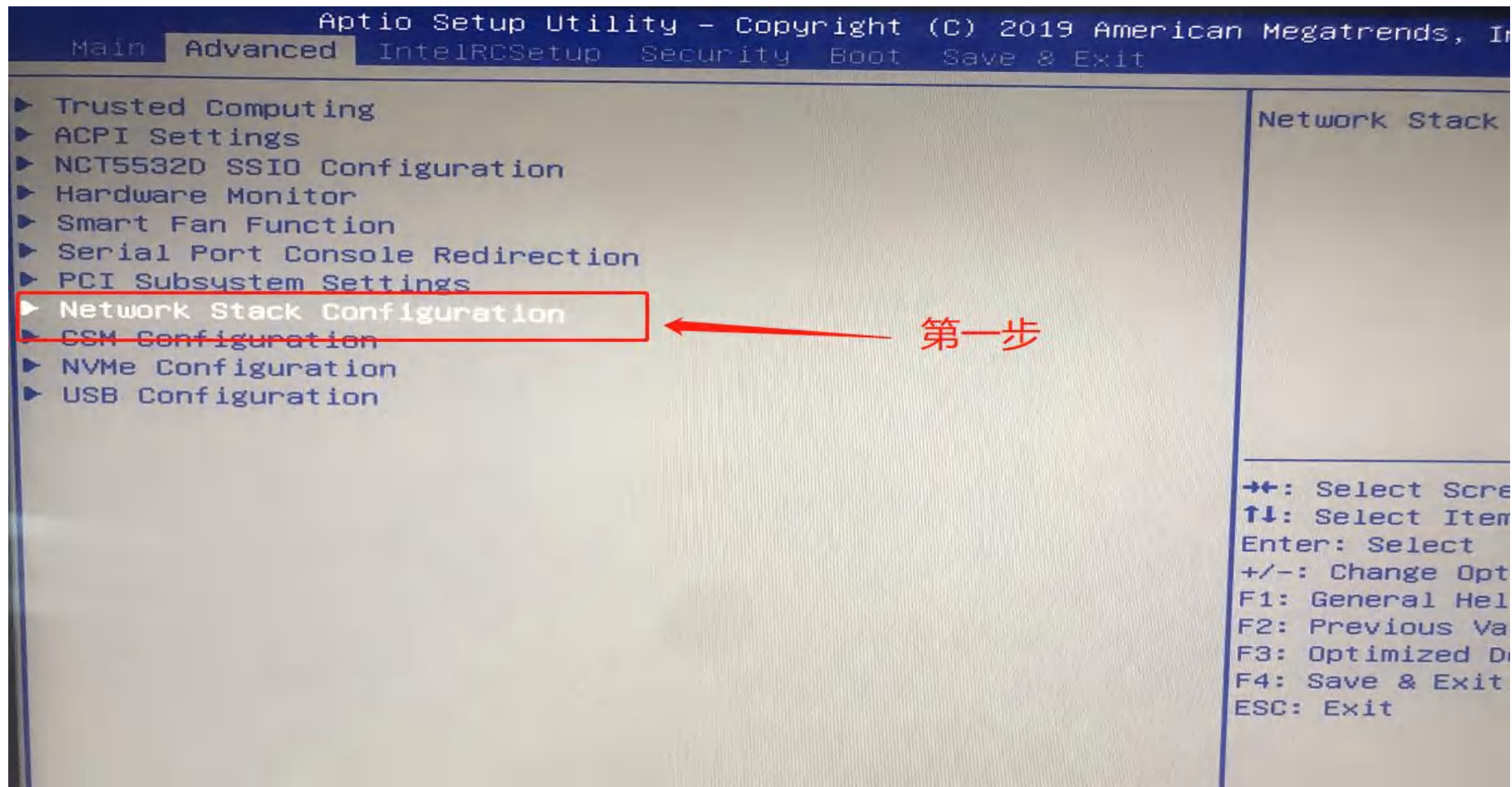
Network
Do not launch
UEFI
Legacy

Legacy为开启
此处默认关闭

Controls
and Lega

←→: Select
↑↓: Select
Enter: Se
+/-: Chan
F1: Gener
F2: Previ
F3: Optim
F4: Save
ESC: Exit

网络唤醒



Advanced

Network Stack

[Disabled]

Lan Wake up Control

[Enabled]

Lan Wake up Control

第二步

D开头为关闭
E开头为开启
此处默认开启

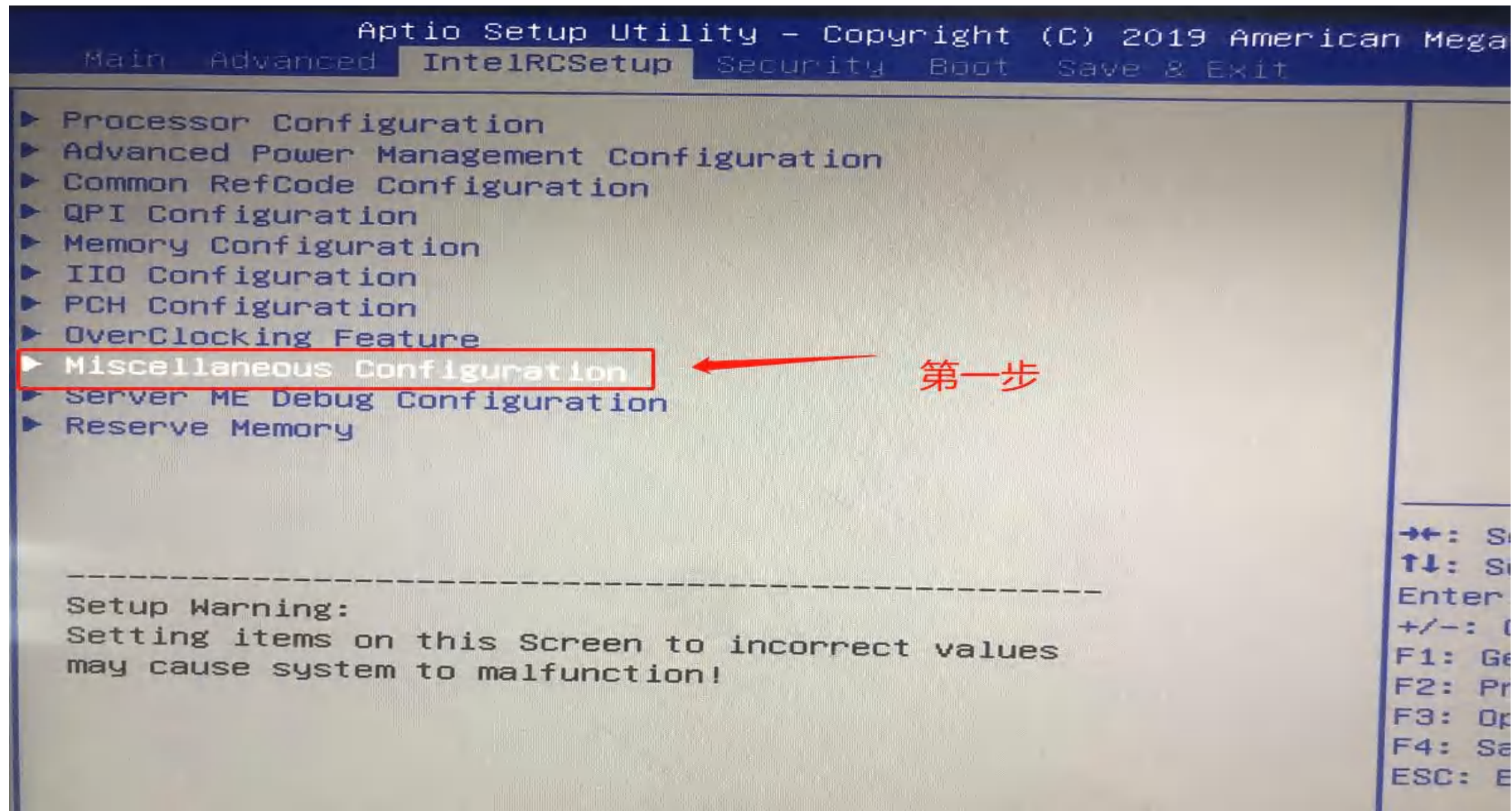
Lan Wake up Control

Disabled

Enabled

→←: Select Screen
↑↓: Select Item
Enter: Select Item
+/-: Change Option
F1: General Settings
F2: Previous Version
F3: Optimized Settings
F4: Save & Exit
ESC: Exit

定时开机



IntelRCSetup

Miscellaneous Configuration

Fan PWM Offset 0
PCIe Max Read Request Size [4096B]
PCIe Latency Tolerance Reporting [Enable]
PCI Minimum Secondary Bus Number 1
PCIe Extended Tag Enable [Enable]
PCIe AtomicOp Request Support [Disable]
Breakpoint Type [None]
BIOS Guard [Disabled]
Serial Debug Message Level
Trace Messages
Training Messages
RC Promote Warnings
RC Promote MRC Warnings
Active Video [Offboard Device]
TargetVGA Vga From CPU 0
RTC Wake system from S5 [Disable]

Enable
on alarm
System
day::hr

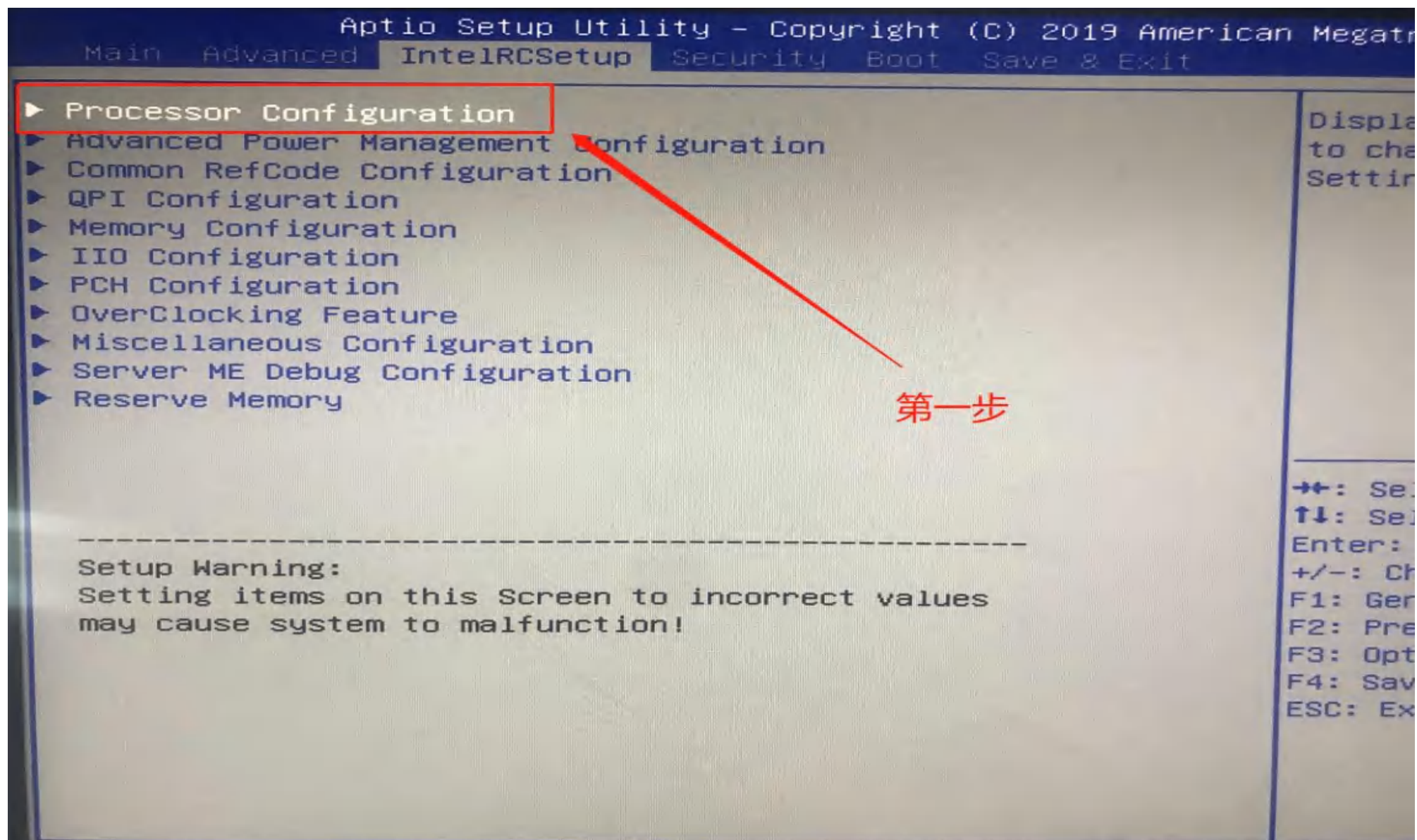
: Sele
: Sele

Enter: S
+/-: Cha
F1: Gene
F2: Prev
F3: Opti
F4: Save
ESC: Exi

打开后设置时间就可以

第二步

VT-X



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	0000003D
L1 Cache RAM	768KB
L2 Cache RAM	30MB
L3 Cache RAM	30MB
Processor 0 Version	Intel Xeon E5-2600 v4

Hyper-Threading [ALL]
Check CPU BIST Result
Monitor/Mwait
Execute Disable Bit
Enable Intel TXT Support

VMX

Enable SMX
Lock Chipset
MSR Lock Control
PPIN Control

D开头为关闭
E开头为开启
此处默认开启

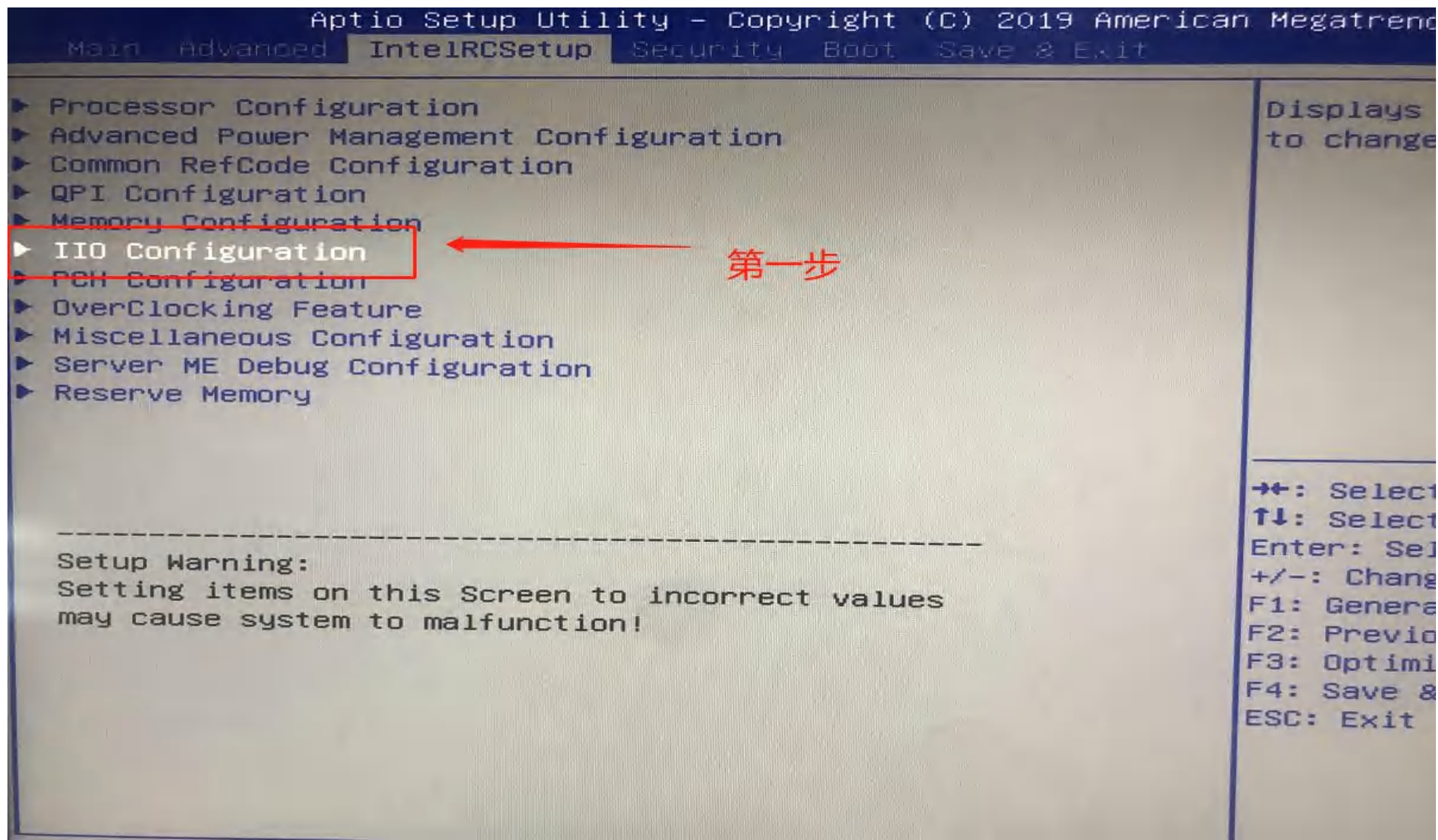
第二步

VMX
Disable
Enable

Enables the VMX Technology, to reboot.

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

VT-D



IIO Configuration

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

- ▶ IIO 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	[yes]
SLD WA Revision	[Auto]
Rx Clock WA	[Disable]
PCI-E ASPM (Global)	[L1 Only]
PCIE Stop & Scream Support	[Disable]

Press
Intel
(VT-d)

→←: Se
↑↓: Se
Enter:
+/-: C
F1: Ge
F2: Pr
F3: Op
F4: Sa
ESC: E

IntelRCSetup

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

VTd Azalea VCo Optimizations

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

ACS Control

Interrupt Remapping

Coherency Support (Non-Isoch)

Coherency Support (Isoch)

[Disable]

[Enable]

[Enable]

[Enable]

[Enable]

[Enable]

第三步

D开头为关闭
E开头为开启
此处默认开启

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

Enable

Disable

Enable/Dis

Virtualiza

Directed I

reporting

assignment

ACPI Table

lect

lect

Enter: Sel

+/-: Chang

F1: Genera

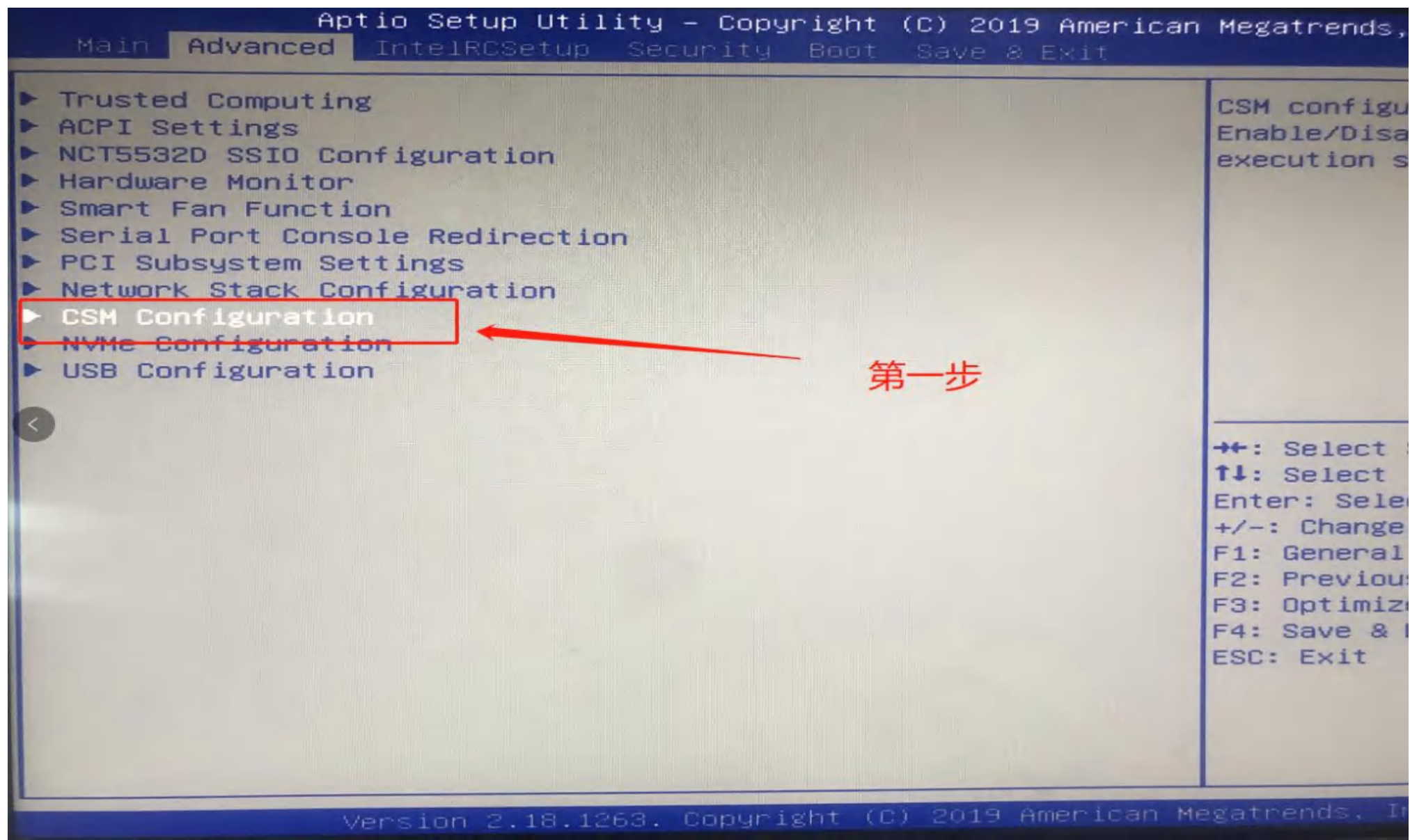
F2: Previo

F3: Optimi

F4: Save &

ESC: Exit

UEFI



Advanced

Compatibility Support Module Configuration

CSM Support [Enabled]

CSM16 Module Version 07.79

GateA20 Active [Upon Request]
Option ROM Messages [Force BIOS]

Boot option filter

Option ROM execution

Network

Storage

Video

Other PCI devices

第二步

[UEFI and Legacy]

Boot option filter

UEFI and Legacy

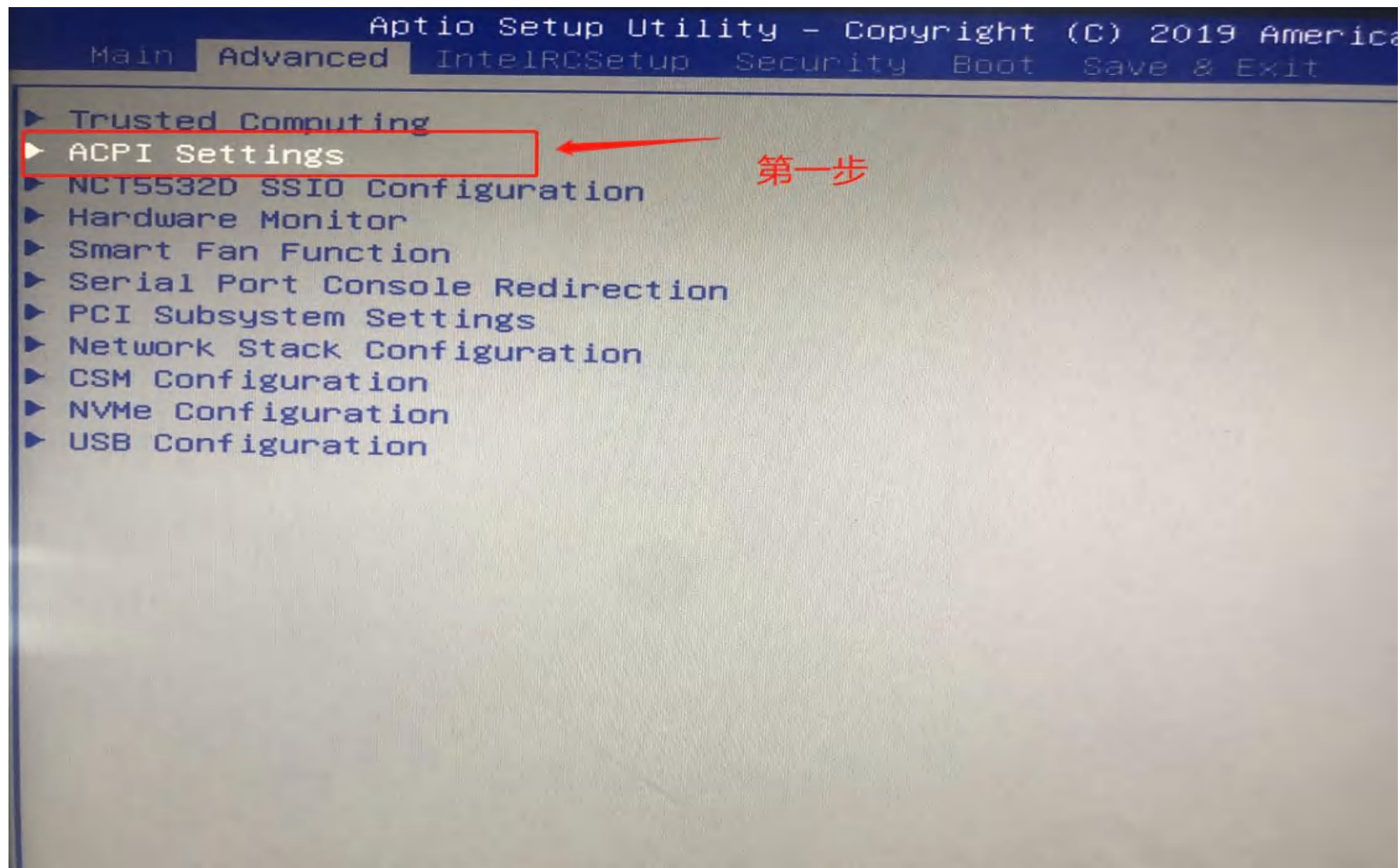
Legacy only

UEFI only

[UEFI]

This option co
Legacy/UEFI R→←: Select Scr
↑↓: Select It
Enter: Select
+/-: Change Op
F1: General He
F2: Previous V
F3: Optimized
F4: Save & Exi
ESC: Exitlegacy only为纯传统模式
UEFI only为纯UEFI模式
此处默认双模式

S3 睡眠模式



Advanced

ACPI Settings

Enable ACPI Auto Configuration

[Disabled]

Enable Hibernation

[Enabled]

ACPI Sleep State

[S3 (Suspend to RAM)]

Lock Legacy Resources

[Disabled]

Select
state
when the
power is
pressed

→+: Sel
↑↓: Sel
Enter:
+/-: Ch
F1: Ger
F2: Pre
F3: Opt
F4: Sav
ESC: Ex