

BIOS Information

BIOS Vendor

American Megatrends

Core Version

5.11

Compliance

UEFI 2.4; PI 1.3

Project Version

HUANAN X99_15 x64

Build Date and Time

10/06/2019 16:26:02

Access Level

Administrator

Memory Information

Total Memory

16384 MB

System Language

[English]

System Date

[Sat 01/01/2000]

System Time

[00:01:58]

Choose
language

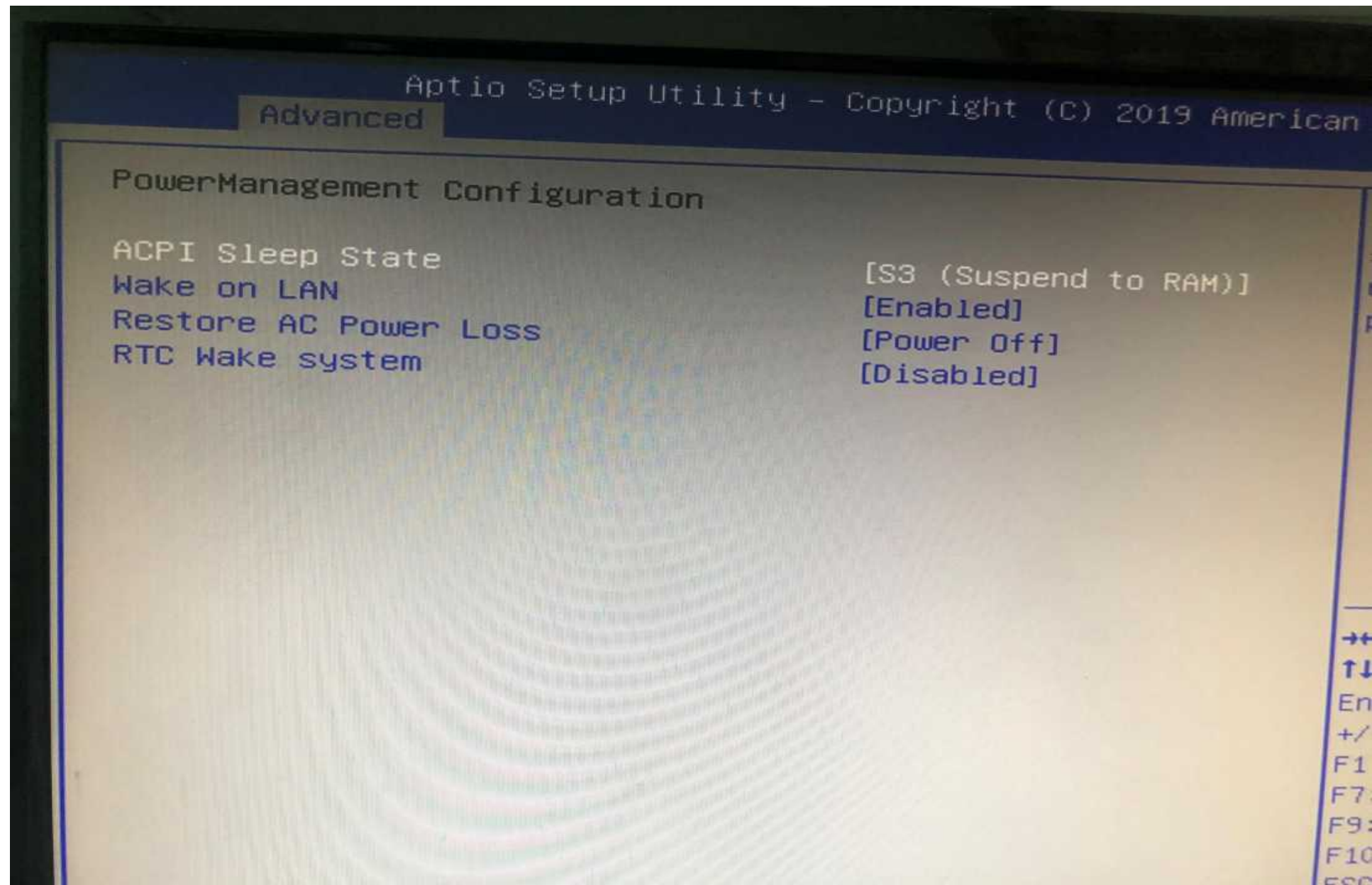
→←: Select
↑↓: Select
Enter: Set
+/-: Change
F1: General
F7: Previous
F9: Optim
F10: Save
ESC: Exit

- ▶ ACPI Settings
- ▶ PowerManagement Configuration
- ▶ Super IO Configuration
- ▶ Hardware Monitor
- ▶ CSM Configuration
- ▶ NVMe Configuration
- ▶ USB Configuration

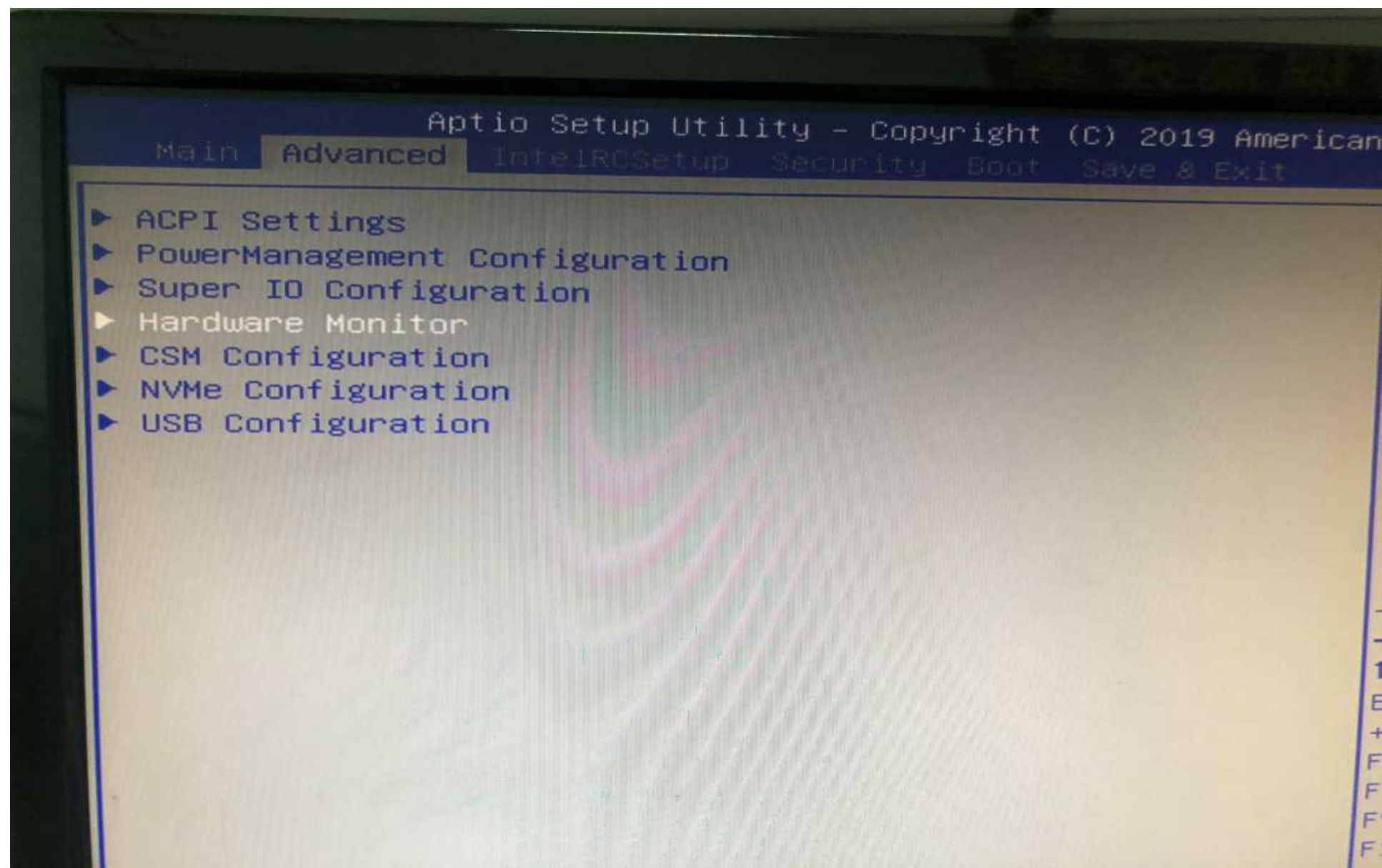
PowerManagement
Parameters

→←: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F7: Previous Val
F9: Optimized De
F10: Save & Exit
ESC: Exit

睡眠, 网络唤醒, AC启动, 定时开机



温控

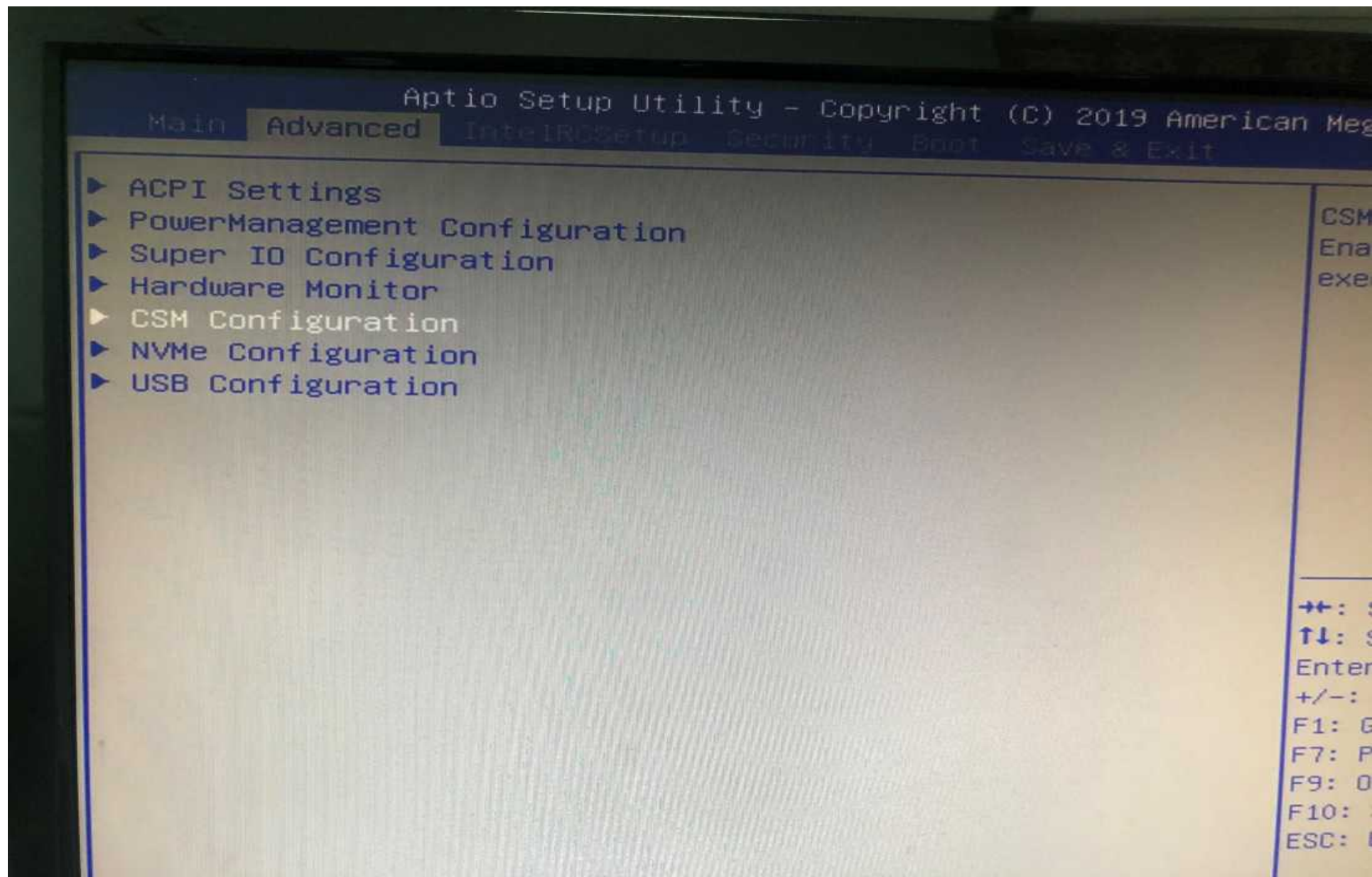


Pc Health Status

Tbase0	15
CPUFan Smart Fan Function	[Enabled]
T1	20
PWM1(%)	75
T2	30
PWM2(%)	80
T3	40
PWM3(%)	85
T4	50
PWM4(%)	95
T5	60
CPU temperature	: +76 °C
System temperature2	: +26 °C
CPUFan1 Speed	: 1867 RPM
CPUFan2 Speed	: N/A
VCORE	: +1.800 V
memory voltage	: +1.568 V
VBAT	: +3.248 V

→+
↑↓
En
+/
F1
F7
F9
F10
ESC

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

Network
Do not launch
UEFI
Legacy

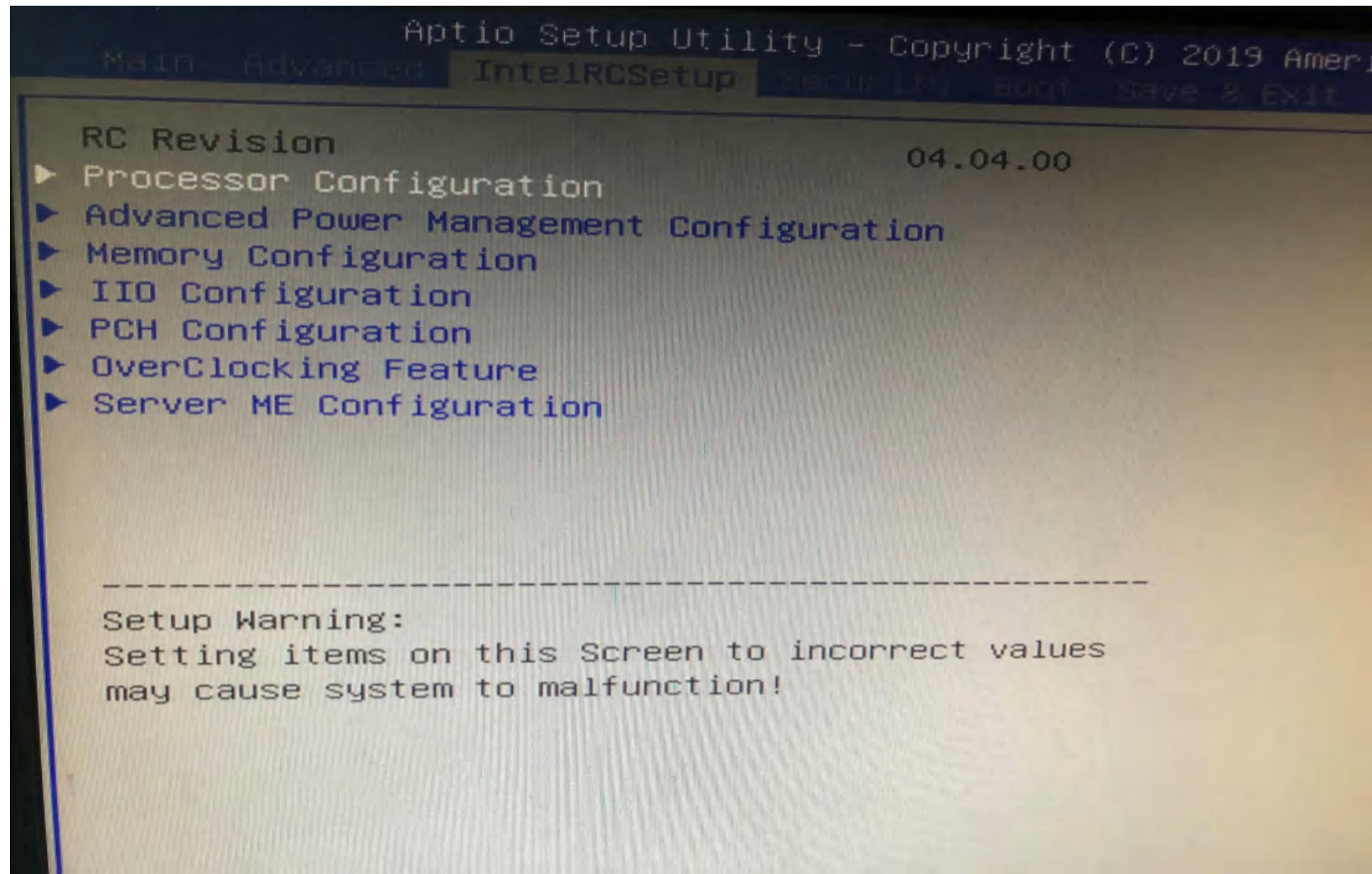
[Le

[UEFI]

Cont
and

→←: Se
↑↓: Se
Enter:
+/-: C
F1: Ge
F7: Pr
F9: Op
F10: Sa
ESC: Ex

超线程



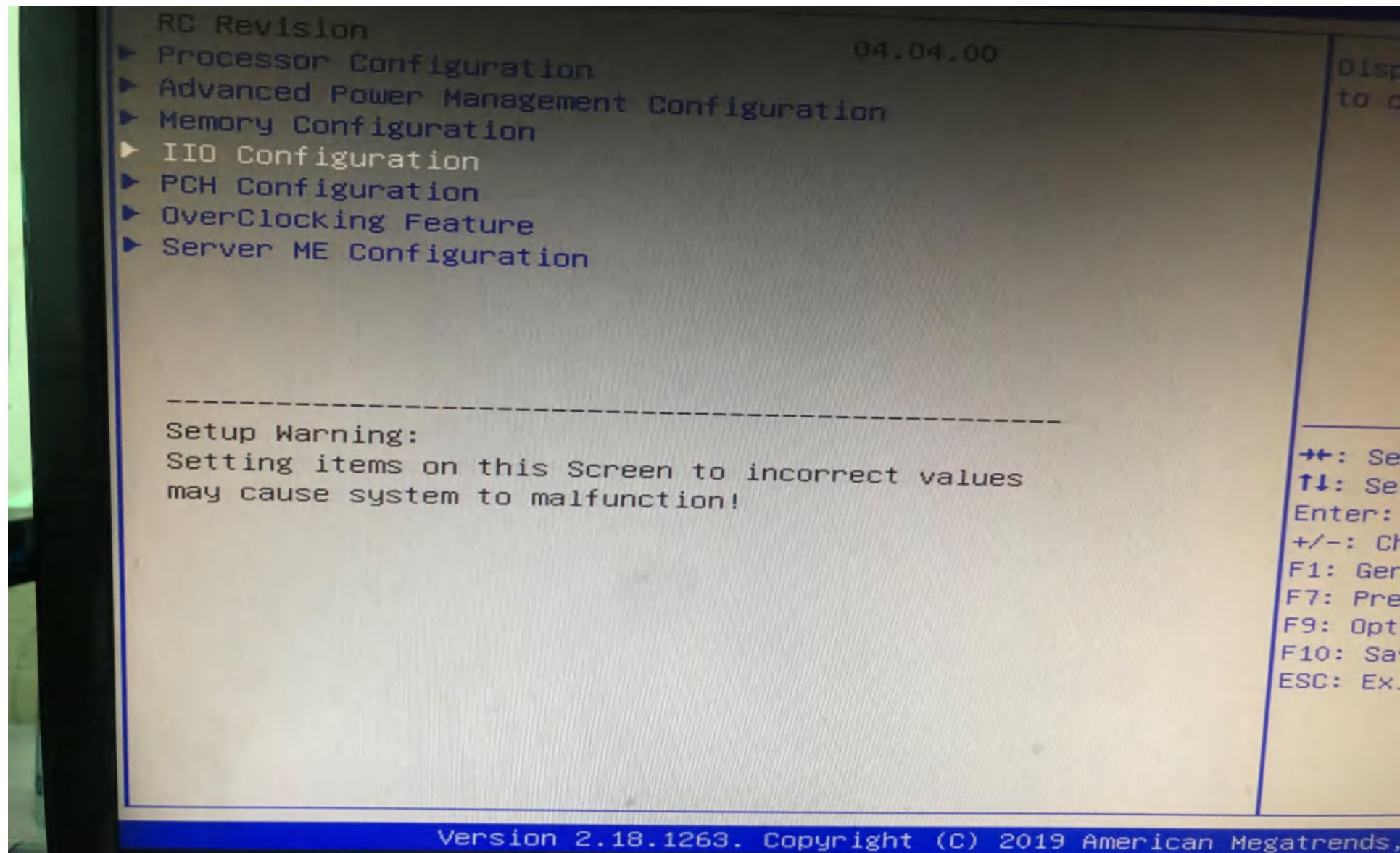
Processor Configuration

Processor Socket		
Processor ID	Socket 0	Socket 1
Processor Frequency	000306F2*	N/A
Processor Max Ratio	2.500GHz	N/A
Processor Min Ratio	19H 00H	
Microcode Revision	0CH 00H	
L1 Cache RAM	0000003D	N/A
L2 Cache RAM	768KB	N/A
L3 Cache RAM	3072KB	N/A
Processor 0 Version	<div data-bbox="1312 742 2165 963" data-label="Complex-Block"> <div>Hyper-Threading [ALL]</div> <div>Disable</div> <div>Enable</div> </div>	
Processor 1 Version		

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

Er
+/
F1
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F9
F10
ESC

VT-D

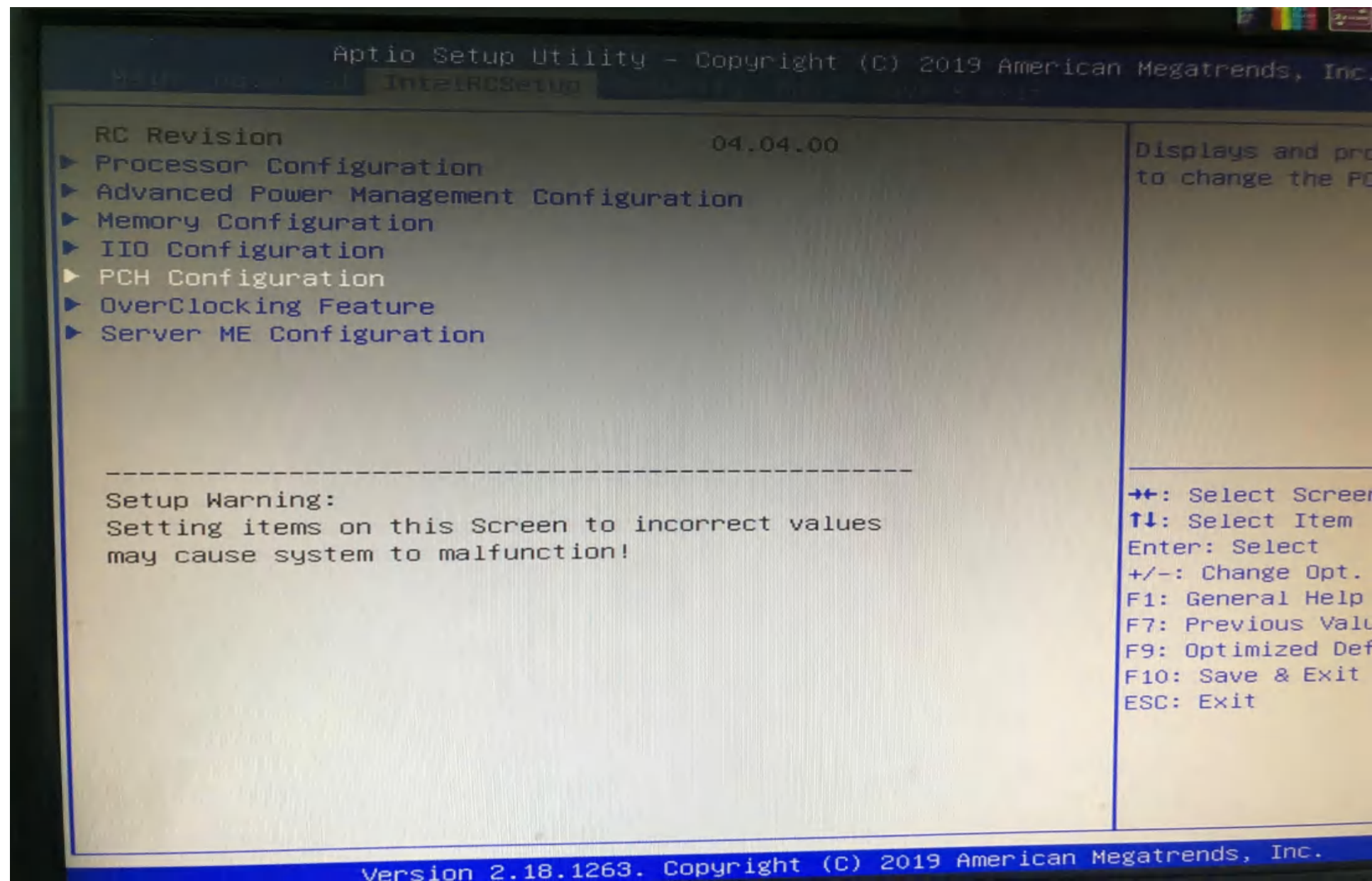


IIO Configuration

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)	

→+: Select S
↑↓: Select I
Enter: Select
+/-: Change
F1: General I
F7: Previous
F9: Optimized
F10: Save & E
ESC: Exit

硬盘



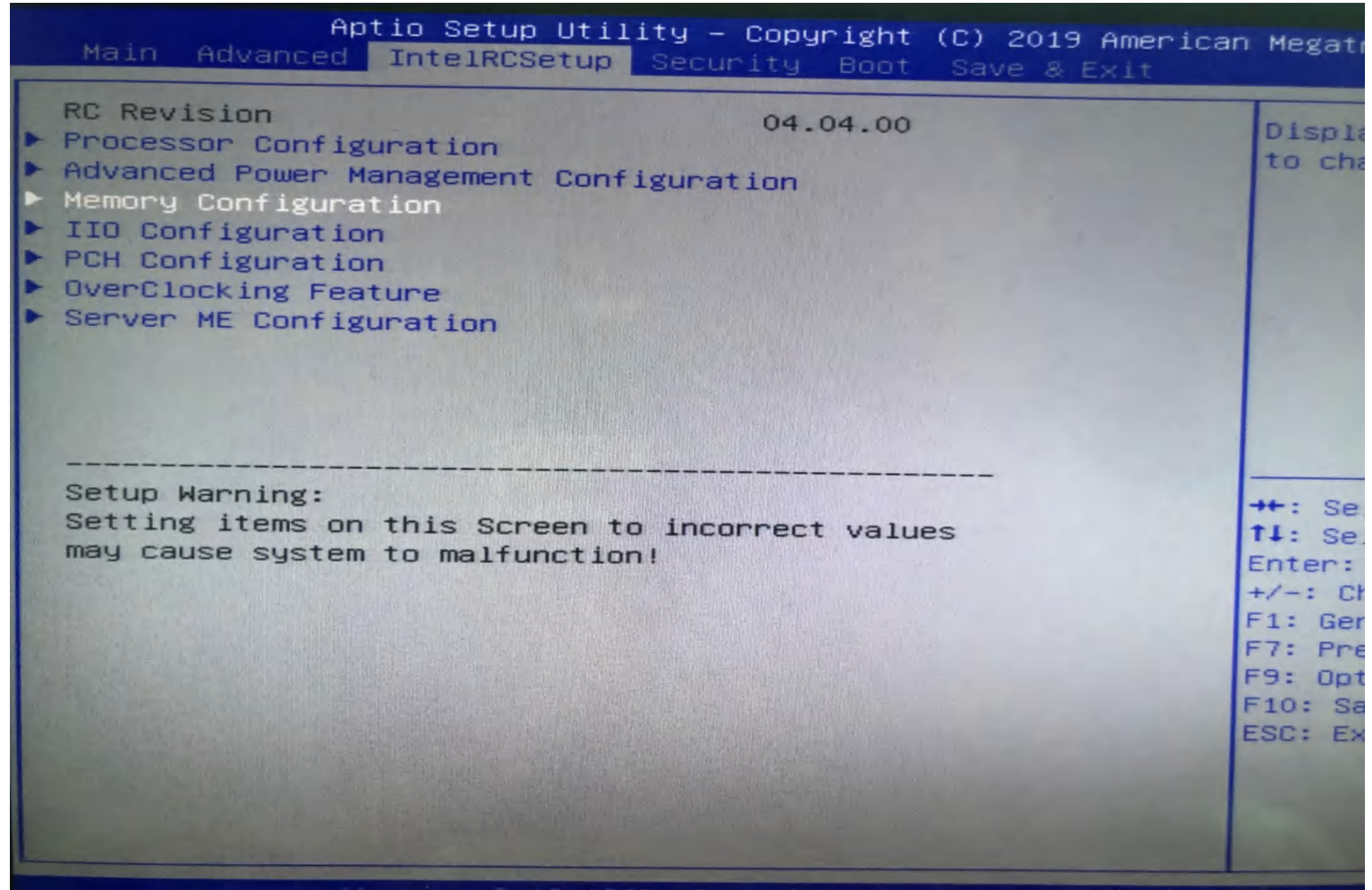
PCH Configuration

- ▶ PCH sSATA Configuration
- ▶ PCH SATA Configuration
- ▶ USB Configuration
- ▶ Azalia Configuration

SATA devices and sett

→+: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F7: Previous Values
F9: Optimized Default
F10: Save & Exit
ESC: Exit

内存频率



Integrated Memory Controller (iMC)

Enforce POR

PPR Type

PPR Error Injection test

Memory Frequency

- ▶ Memory Topology
- ▶ Memory Timings & Voltage Override
- ▶ Memory Map
- ▶ Memory RAS Configuration
- DIMM Rank Enable Mask

Memory Frequency

Auto
1333
1400
1600
1800
1867
2000
2133
2200
2400
2600
2667
2800
2933
3000
3200

Maxim
Select
select

→←: Sele
↑↓: Sele
Enter: S
+/-: Cha
F1: Gener
F7: Previ
F9: Optim
F10: Save
ESC: Exit