HUANNANZHI H97

关闭CPU核心步骤

第一步

Advanced

Max CPU Speed	3300 MHz
Min CPU Speed	800 MHz
CPU Speed	3500 MHz
Processor Cores	4
Intel HT Technology	Not Supported
Intel VT-x Technology	Supported
Intel SMX Technology	Supported
64-bit	Supported
EIST Technology	Supported
CPU C3 state	
CPU C6 state	
CPU C7 state	
L1 Data Cache	
L1 Code Cache	
L2 Cache	
L3 Cache	6 MB
L4 Cache	Not Present
Active Processor Cores	[All]
Overclocking lock	[Disabled]
Limit CPUID Maximum	[Disabled]
Execute Disable Bit	[Enabled]
Intel Virtualization Technology	[Enabled]
Hardware Prefetcher	[Enabled]

Number
each

┌─ Active Processor Cores ─┐
│ All   │
│ 1   │
│ 2   │
│ 3   │
└──────────────────────────┘

第三步

第二步

Se
Se
nter:
+/-: Ch
F1: Ge
F2: Pre
F3: Opt
F4: Sav
ESC: Ex

S1.S3睡眠设置步骤

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Main   Advanced   Chipset   Security   Boot   Save & Exit

▶ CPU Configuration   System ACPI
▶ ACPI Settings   第一步
▶ Onboard Devices Configuration
▶ PowerManagement Configuration
▶ SATA Configuration
▶ WatchDog Configuration
▶ Super IO Configuration
▶ H/W Monitor
▶ CSM Configuration
▶ NVMe Configuration
▶ USB Configuration

                                              ↦←: Select S
                                              ↑↓: Select I
                                              Enter: Selec
                                              +/-: Change
                                              F1: General
                                              F2: Previous
                                              F3: Optimize
                                              F4: Save & E
                                              ESC: Exit

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AC来电启动

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Main   Advanced   Chipset   Security   Boot   Save & Exit

▶ CPU Configuration
▶ ACPI Settings
▶ Onboard Devices Configuration
▶ PowerManagement Configuration
▶ SATA Configuration
▶ WatchDog Configuration
▶ Super IO Configuration
▶ H/W Monitor
▶ CSM Configuration
▶ NVMe Configuration
▶ USB Configuration

第一步

→←:
↑↓:
Ente
+/-:
F1:
F2:
F3:
F4:
ESC:

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Advanced

PowerManagement Configuration   Restor

Wake up by USB Device   [Enabled]
Restore AC Power Loss   [Power Off]
Power On By PS/2 Keyboard   [Disabled]
Power On By PS/2 Mouse   [Disabled]
RTC Power On Function   [Disabled]

开

                    ┌──── Restore AC Power Loss ────┐
                    │ Power On   │
关   │ Power Off   │
                    │ Last State   │
                    └────────────────────────────────┘

                                                        +: Sel
                                                        ↓: Sel
                                                        nter:
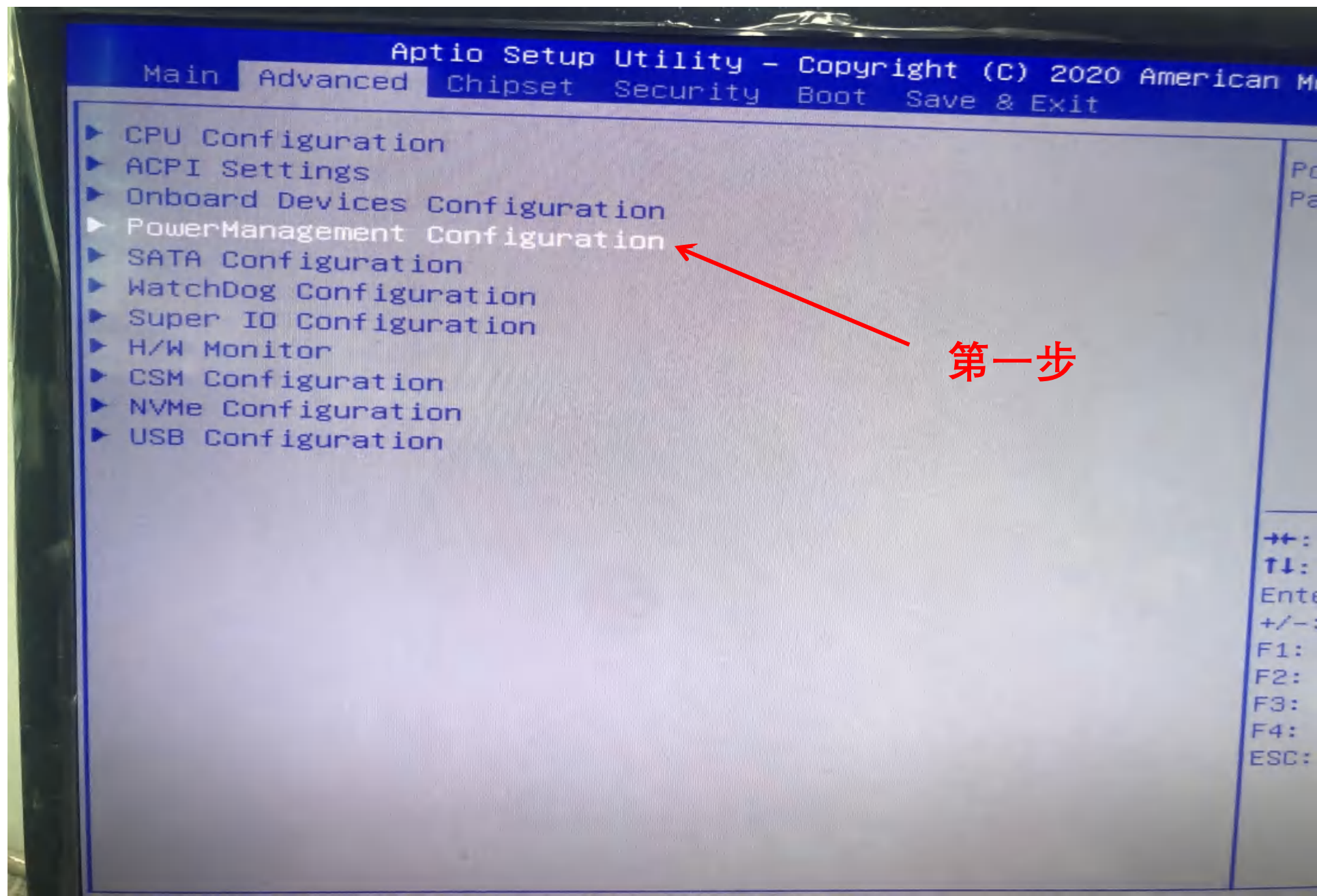   +/-: Ch
                                                        F1: Gene
                                                        F2: Prev
将电脑恢复到断电或中断发生之前的状态   F3: Opti
                                                        F4: Save
                                                        ESC: Exi

定时开机

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Main   Advanced   Chipset   Security   Boot   Save & Exit

▶ CPU Configuration
▶ ACPI Settings
▶ Onboard Devices Configuration
▶ PowerManagement Configuration
▶ SATA Configuration
▶ WatchDog Configuration
▶ Super IO Configuration
▶ H/W Monitor
▶ CSM Configuration
▶ NVMe Configuration
▶ USB Configuration

第一步

→←:
↑↓:
Ente
+/−:
F1:
F2:
F3:
F4:
ESC:

风扇温控

SMART Fan Control
Cpu Smart Fan Control   [Thermal Cruise Mode]
CPU Fan Target Temperature   50
CPU Fan Tolerance of Target   5
CPU Fan Starup PWM Output   255
CPU Fan Stop PWM Output   128
CPU Fan StopTime   60

Pc Health Status

                                                              第二步

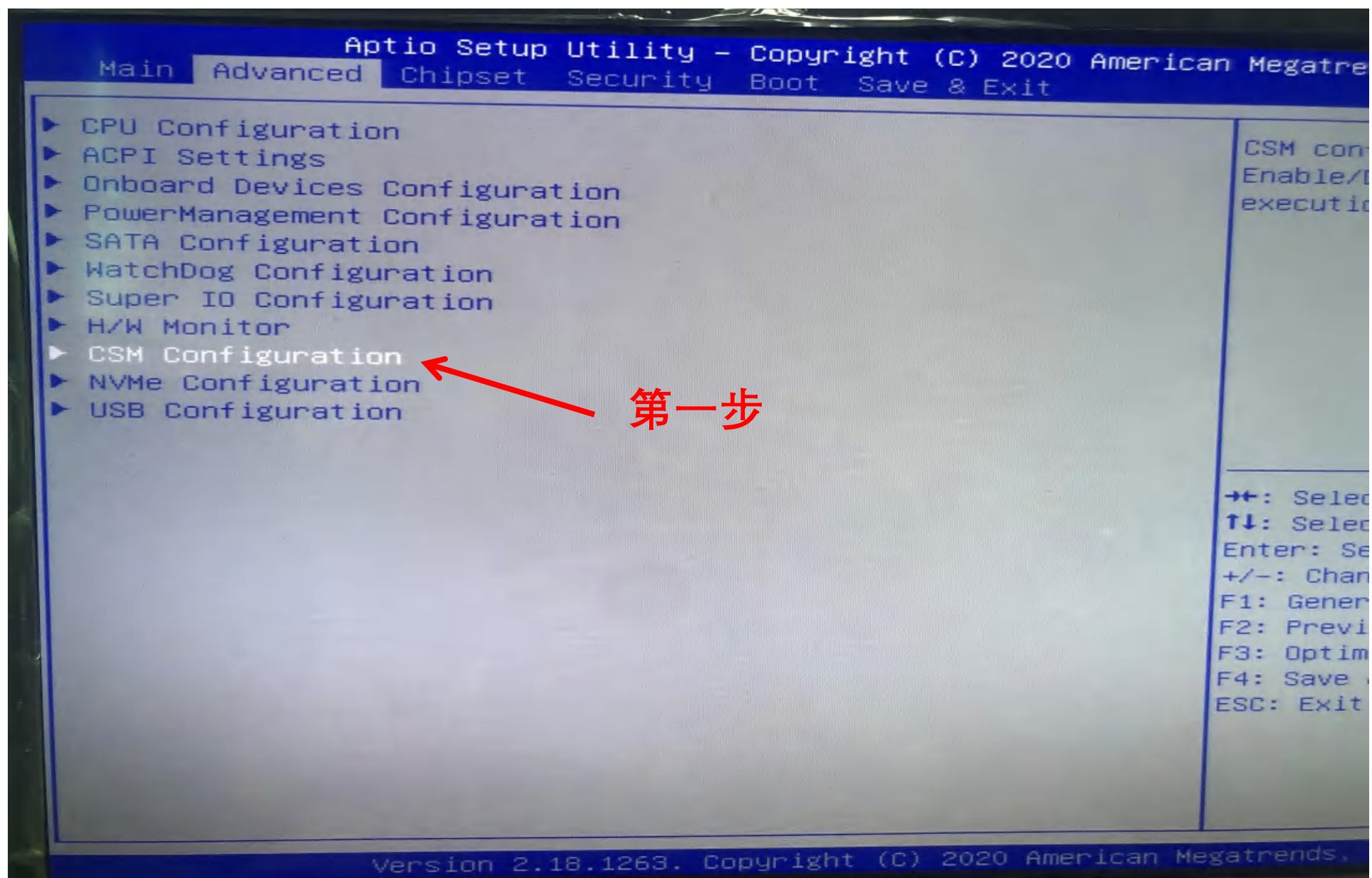CPU temp   : +52 °C
CPUFan Speed   : N/A
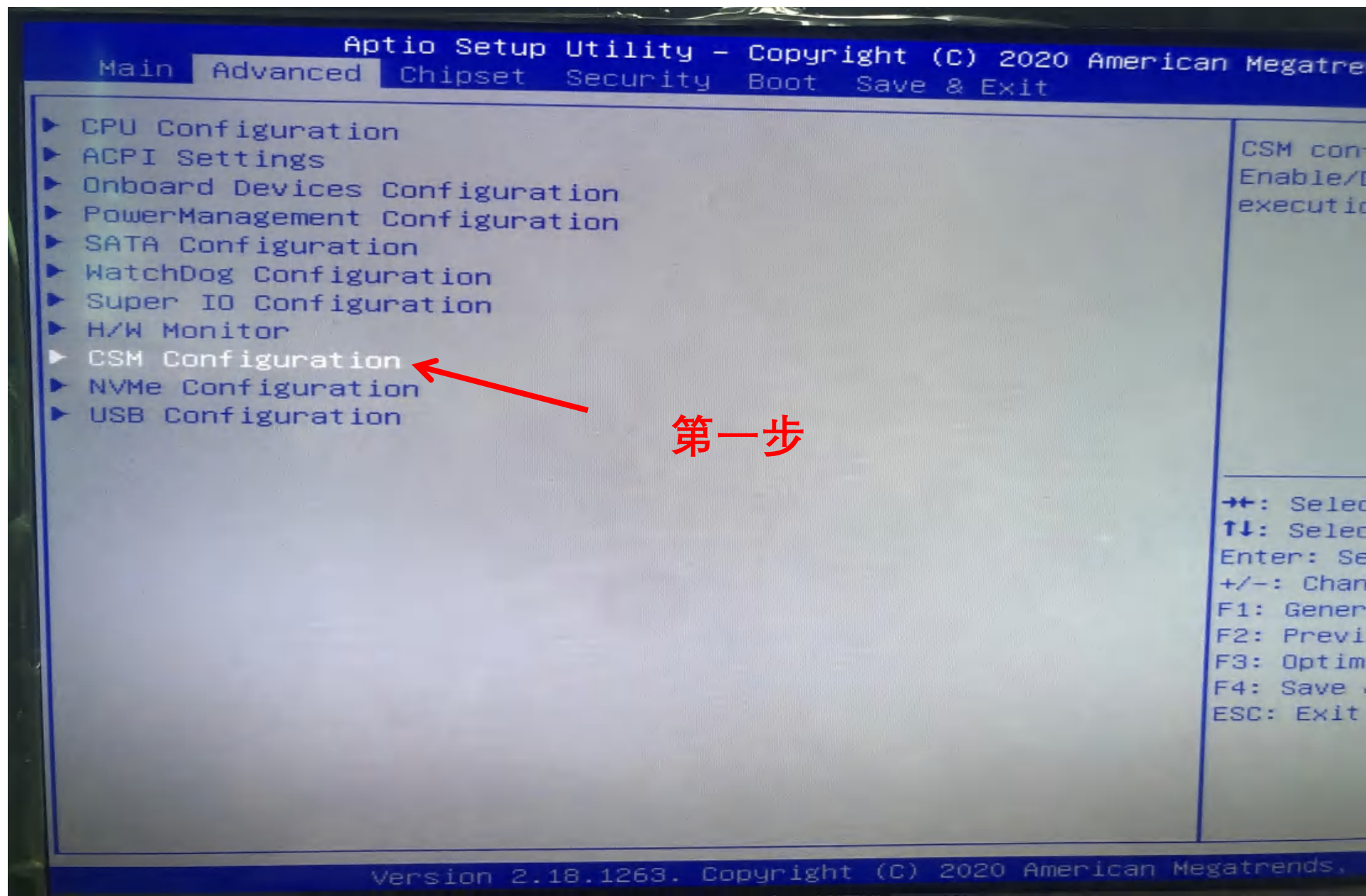
++: Se
↑↓: Se
Enter:
+/-: (
F1: Ge
F2: Pr
F3: Op
F4: Sa
ESC: E

Cpu Sm

网卡启动

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Main Advanced Chipset Security Boot Save & Exit

▶ CPU Configuration
▶ ACPI Settings
▶ Onboard Devices Configuration
▶ PowerManagement Configuration
▶ SATA Configuration
▶ WatchDog Configuration
▶ Super IO Configuration
▶ H/W Monitor
▶ CSM Configuration   ← 第一步
▶ NVMe Configuration
▶ USB Configuration

CSM con
Enable/D
executi

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

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UEFI开启步骤

第一步

核显开关

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Main   Advanced   Chipset   Security   Boot   Save & Exit

▶ Memory Configuration
  Primary Display   [Auto]   Keep I
  Internal Graphics   [Auto]   setup
  DVMT Pre-Allocated   [32M]
  DVMT Total Gfx Mem   [MAX]

                                                             →←: Sele
                                                             ↑↓: Sele
                                                             Enter: S
                                                             +/-: Cha
                                                             F1: Gene
                                                             F2: Prev
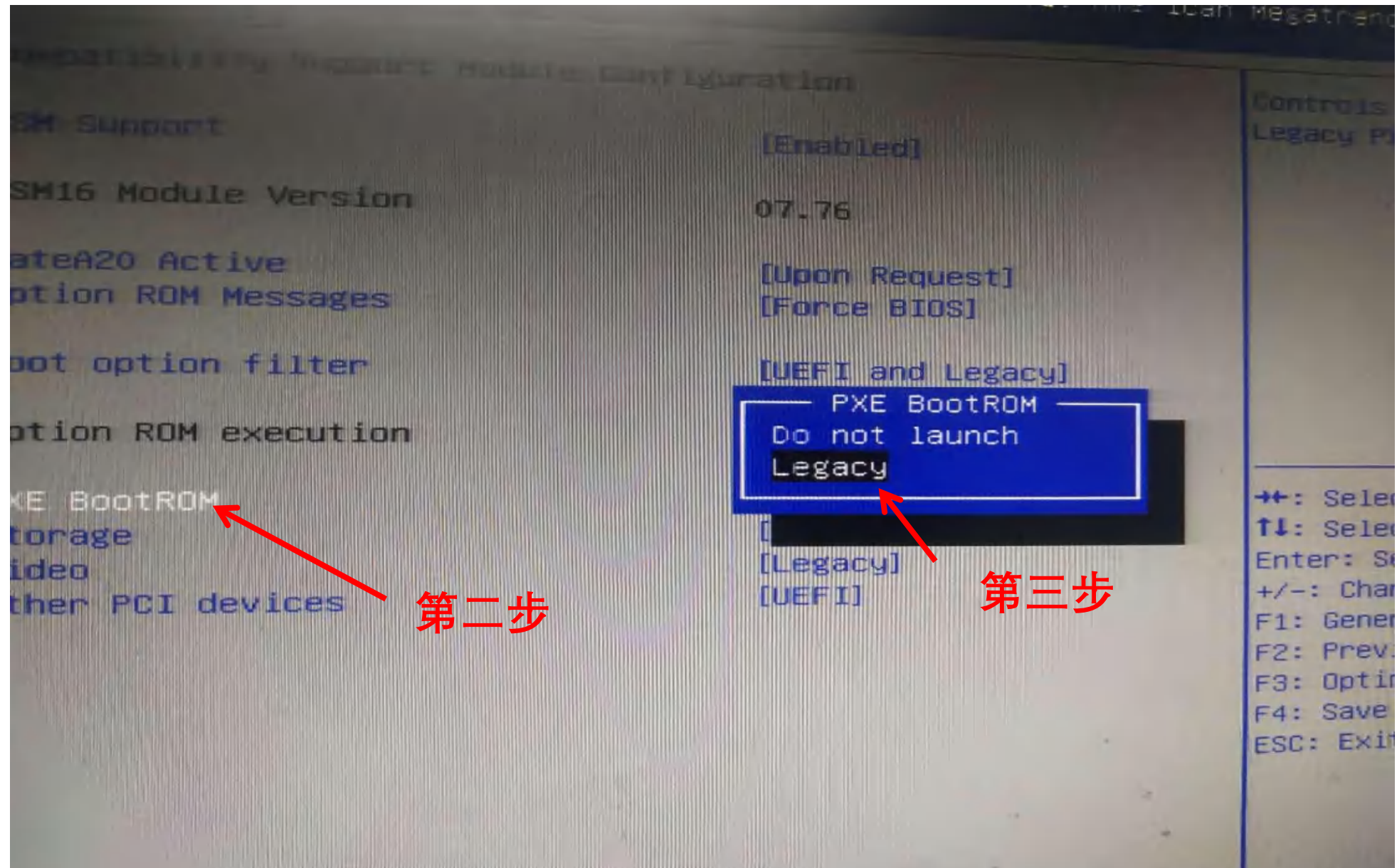   F3: Opti
                                                             F4: Save
                                                             ESC: Exi

内存频率

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Main   Advanced   Chipset   Security   Boot   Save & Exit

▶ Memory Configuration
  Primary Display   [Auto]
  Internal Graphics   [Auto]
  DVMT Pre-Allocated   [32M]
  DVMT Total Gfx Mem   [MAX]

第一步

Chipset

Memory Information

Memory RC Version	1.8.0.3
Memory Frequency	1600 Mhz
Total Memory	32768 MB (DDR3)
Memory Voltage	1.50v

DIMM#0
DIMM#1
DIMM#2
DIMM#3
CAS Latency (CL)
Minimum delay time
    CAS to RAS (tRCDmin)
    Row Precharge (tRPmin)
    Active to Precharge (tRAS
XMP Profile 1
XMP Profile 2

```
┌──────── Memory Frequency Limiter ────────┐
│ Auto                                      │
│ 1067                                      │
│ 1333                                      │
│ 1600                                      │
│ 1867                                      │
│ 2133                                      │
│ 2400                                      │
│ 2667                                      │
│ 2933                                      │
│ 3200                                      │
└───────────────────────────────────────────┘
```

第二步

DIMM profile
Memory Frequency Limiter   [Auto]
ECC Support   [Enabled]
Max TOLUD   [Dynamic]
Enh Interleave Support   [Enabled]
RI Support   [Enabled]
DLL Weak Lock Support   [Enabled]

第二步

F3:
F4:
ESC:

硬盘热拔插功能

Onboard Devices Configuration
PowerManagement Configuration
► SATA Configuration   第一步
► WatchDog Configuration
► Super IO Configuration
► H/W Monitor
► CSM Configuration
► NVMe Configuration
► USB Configuration
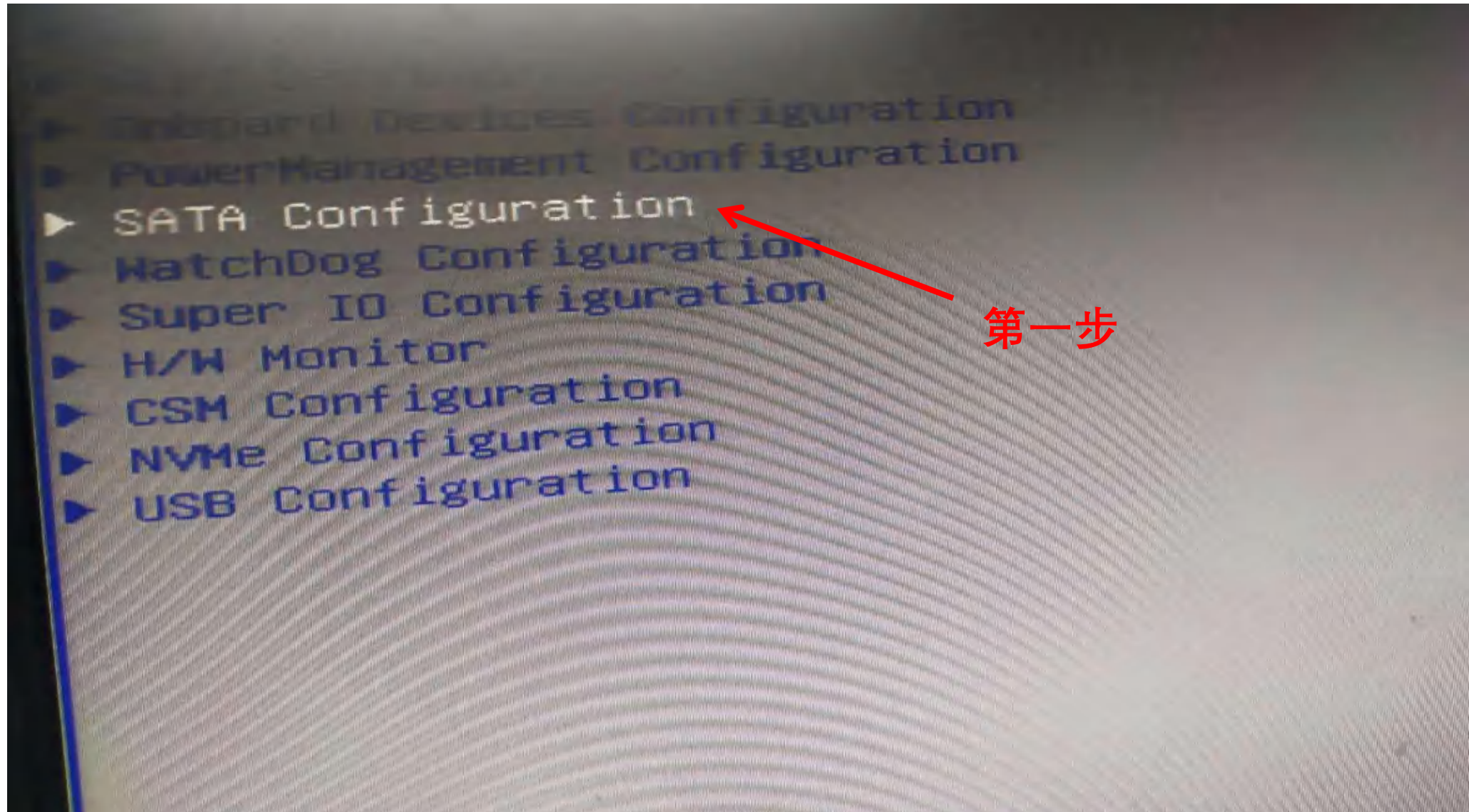
Serial ATA Port 0   Empty
  Software Preserve   Unknown
  Port 0   [Enabled]
  Hot Plug   ┌──────── Hot Plug ────────
  External SATA   │ Disabled
  SATA Device Type   │ Enabled
  Spin Up Device   │
Serial ATA Port 1   E
  Software Preser   第二步   Unknown
  Port 1   [Enabled]
  Hot Plug   [Disabled]
  External SATA   第三步   [Di   ]
  SATA Device Type   [Hard Disk Drive
  Spin Up Device   [Disabled]
Serial ATA Port 2   Empty
  Software Preserve   Unknown
  Port 2   [Enabled]
  Hot Plug   [Disabled]

主板开启VT功能步骤

CPU Configuration

ACPI Settings

Onboard Devices Configuration

PowerManagement Configuration

SATA Configuration

WatchDog Configuration

Super IO Configuration

H/W Monitor

CSM Configuration

NVMe Configuration

USB Configuration

第一步

Not Supported
Supported
Not Supported
Supported
Supported
Supported
Supported

ETST Technology
CPU C3 state
CPU C6 state
CPU C7 state

第三步

┌─ Intel Virtualization Techn
Disabled
Enabled

L1 Data Cache
L1 Code Cache
L2 Cache
L3 Cache   3 MB
L3 Cache   Not Present
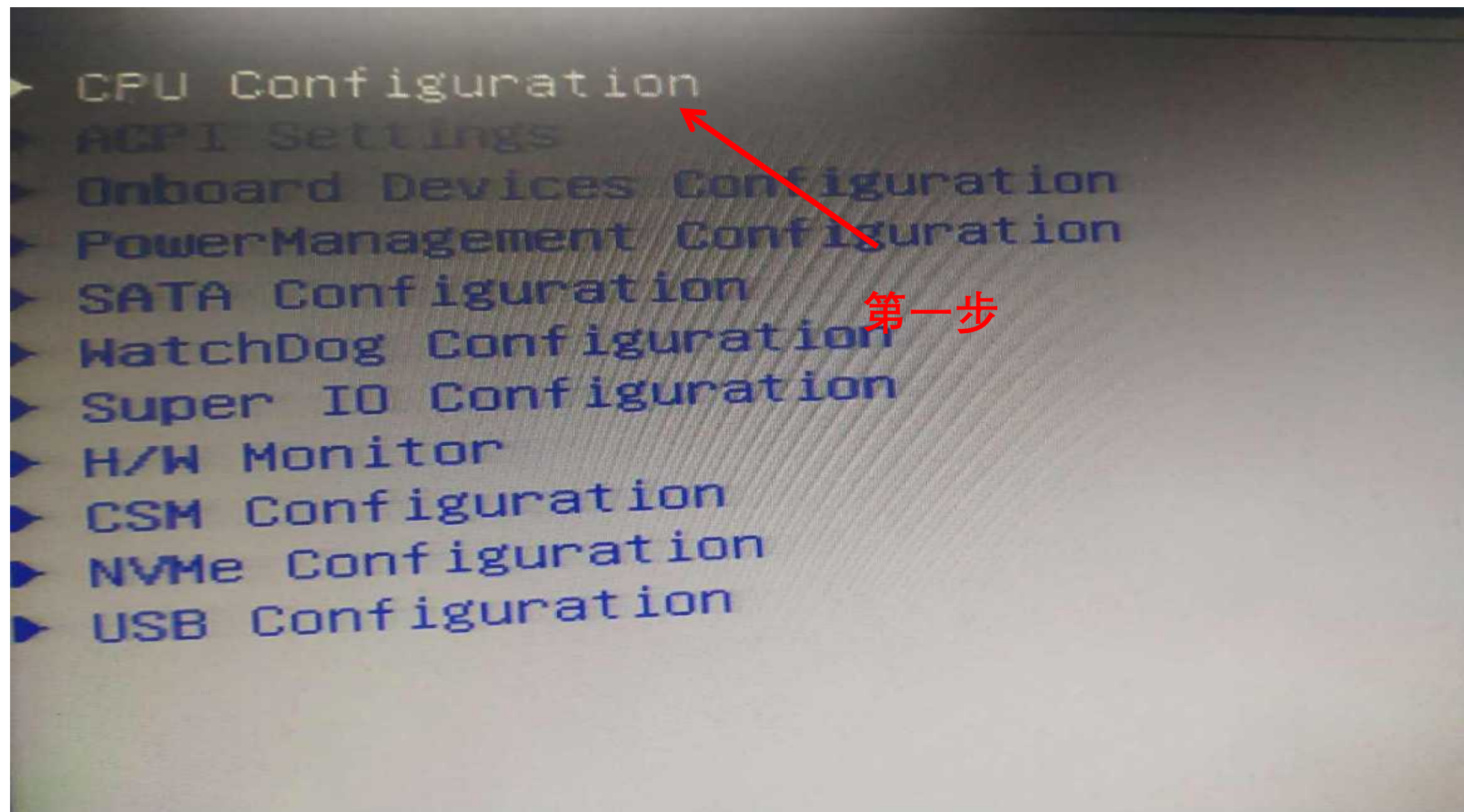
第二步

Hyper-threading   [Enabled]
Active Processor Cores   [All]
Overclocking lock   [Disabled]
Limit CPUID Maximum   [Disabled]
Execute Disable Bit   [Enabled]
Intel Virtualization Technology   [Enabled]
Hardware Prefetcher   [Enabled]

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