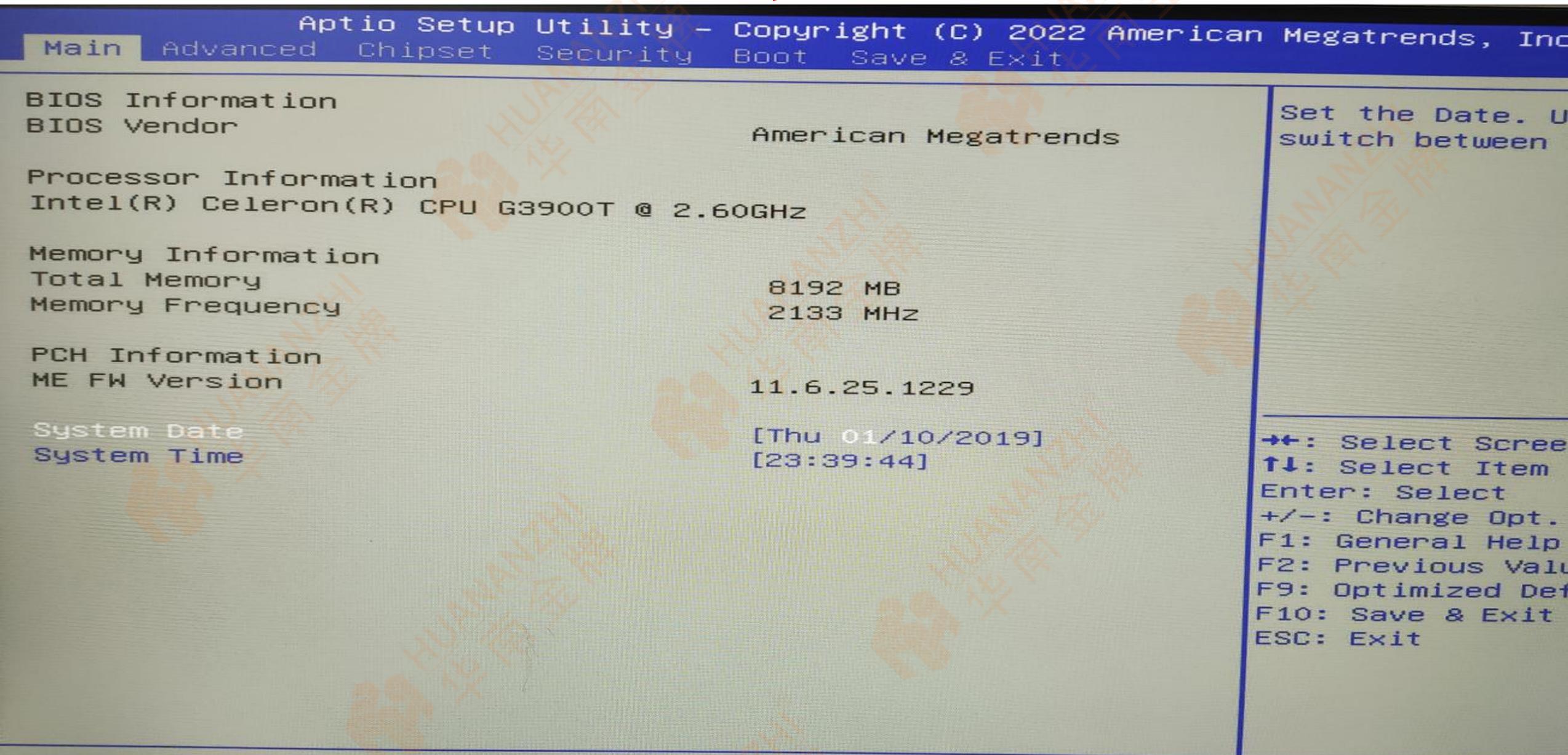


BIOS主页



VT设置

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

- CPU Configuration **第一步**
- Power & Performance
- Thermal Configuration
- Trusted Computing
- ACPI Settings
- NCT5532D Super IO Configuration
- Hardware Monitor
- Smart Fan Function
- S5 RTC Wake Settings
- PCI Subsystem Settings
- Network Stack Configuration
- CSM Configuration
- NVMe Configuration
- USB Configuration

CPU Configuration

Type	Intel(R) Celeron(R) CPU G3900T @ 2.60GHz
ID	0x506E3
Speed	2600 MHz
L1 Data Cache	32 KB x 2
L1 Instruction Cache	32 KB x 2
L2 Cache	256 KB x 2
L3 Cache	2 MB
L4 Cache	
VMX	Intel (VMX) Virtualization Technology Disabled
SMX/TXT	Enabled 第三步
SW Guard Extensions (SGX)	
Select Owner EPOCH input type	[No Change in Owner EPOCHs]
PRMRR Size	[INVALID PRMRR]
CPU Flex Ratio Override	[Disabled]
CPU Flex Ratio Settings	26
Hardware Prefetcher	[Enabled]
Adjacent Cache Line Prefetch	[Enabled]
Intel (VMX) Virtualization Technology	[Enabled] 第二步
PECI	[Enabled]

L1 L2 功耗设置 睿频设置

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Main Advanced Chipset Security Boot Save & Exit

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Advanced

Power & Performance

CPU - Power Management Control **第二步**

GT - Power Management Control

CPU - Power Management Control

Boot performance mode	[Max Non-Turbo Performance]
Intel(R) SpeedStep(tm)	[Enabled]
Race To Halt (RTH)	[Enabled]
Intel(R) Speed Shift Technology	[Disabled]
HDC Control	[Enabled]
Turbo Mode 睿频	[Enabled]
▶ View/Configure Turbo Options	
▶ Config TDP Configurations	
▶ CPU VR Settings	
Platform PL1 Enable L1功耗设置	[Disabled]
Platform PL2 Enable L2功耗设置	[Disabled]
Power Limit 4 Override	[Disabled]
C states	[Enabled]
Enhanced C-states	[Enabled]
C-State Auto Demotion	[C1 and C3]
C-State Un-demotion	[C1 and C3]
Package C-State Demotion	[Auto]
Package C-State Un-demotion	[Auto]
CState Pre-Wake	[Enabled]
IO MWAIT Redirection	[Disabled]

CPU温度监控

Main

Advanced

Chipset

Security

Copyright

Boot

- ▶ CPU Configuration
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- ▶ Hardware Monitor **第一步**
- ▶ Smart Fan Function
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- ▶ CSM Configuration
- ▶ NVMe Configuration
- ▶ USB Configuration

Advanced

Pc Health Status

CPU temperature	温度/转速/电压	: +37 C
CPU Fan Speed		: 1854 RPM
System Fan Speed		: N/A
VCORE		: +0.944 V
V_SM		: +1.230 V
12V		: +12.192 V
5V		: +5.240 V

CPU风扇设置

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Main

Advanced

Chipset

Security

Boot

Save & Exit

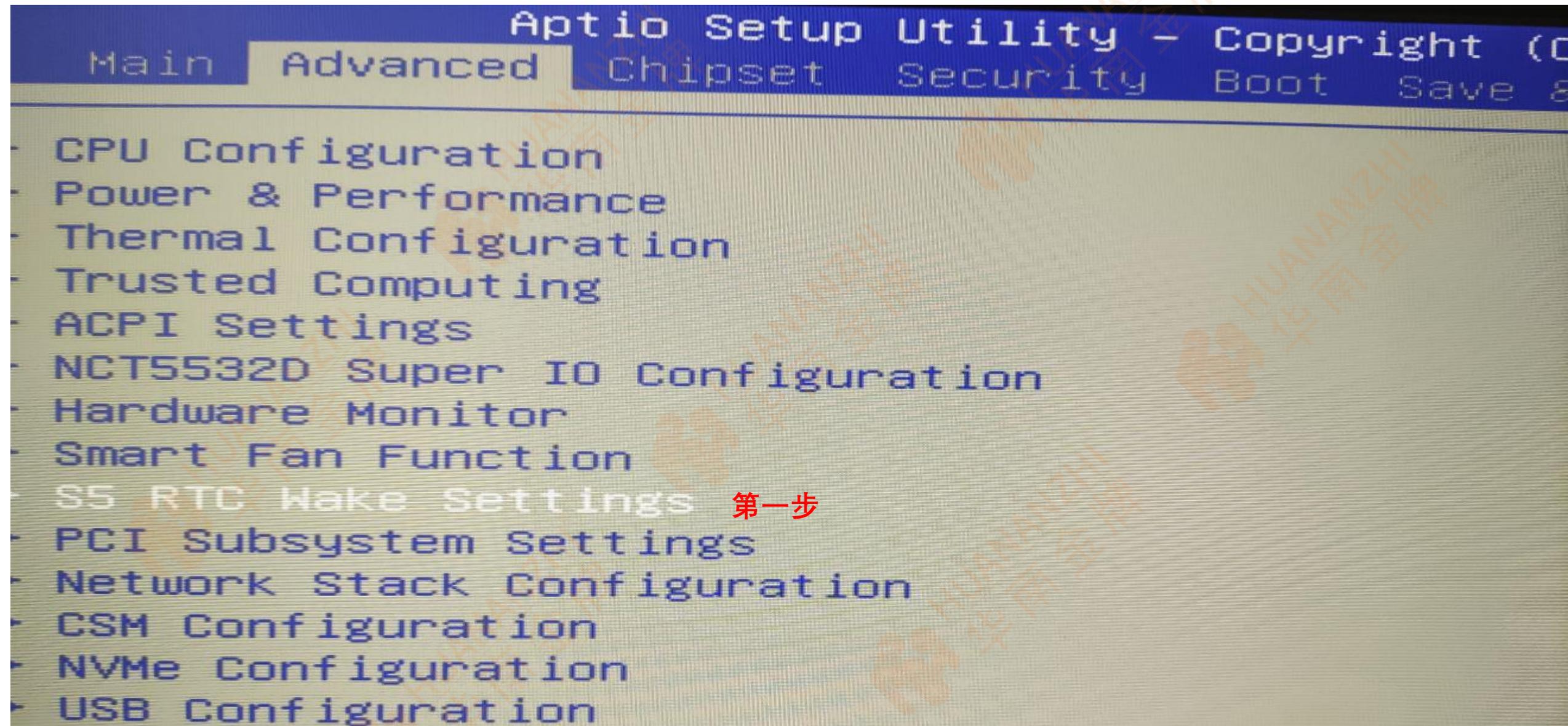
- ▶ CPU Configuration
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- ▶ USB Configuration

第二步

CPU Smart FanMode		[Manual Set Auto Mode
T1	30	T1温度
PWM1 (%)	70	T1转速
T2	40	T2温度
PWM2 (%)	80	T2转速
T3	50	T3温度
PWM3 (%)	90	T3转速
T4	60	T4温度
PWM4 (%)	100	T4转速
T5	70	转速以百分比计算100% 就是全速

第三步：选择对应的模式

定时开机



Advanced

Wake system from S5 **第二步**

Wake up hour

Wake up minute

Wake up second

第三步：选择对应的模式

[Fixed Time]

0 时
0 分
0 秒

计算卡4g选项

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Main

Advanced

Chipset

Security

Boot

Save & Exit

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- S5 RTC Wake Settings
- PCI Subsystem Settings **第一步**
- Network Stack Configuration
- CSM Configuration
- NVMe Configuration
- USB Configuration

PCI Bus Driver Version

A5.01.11

PCI Devices Common Settings:

PCI Latency Timer

[32 PCI Bus Clocks]

PCI-X Latency Timer

[64 PCI Bus Clocks]

VGA Palette Snoop

[Disabled]

PERR# Generation

[Disabled]

SERR# Generation

[Disabled]

Above 4G Decoding

[Disabled]

SR-IOV Support

[Disabled]

Don't Reset VC-TC Mapping

Above 4G Decoding

Disabled

Enabled

▶ PCI Hot-Plug Settings

第三步

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SR-IOV设置

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Main Advanced Chipset Security Boot Save & Exit

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

第一步

PCI Bus Driver Version

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[Disabled]

PERR# Generation

[Disabled]

SERR# Generation

[Disabled]

Above 4G Decoding

[Disabled]

SR-IOV Support **第二步**

[Disabled]

Don't Reset VC-TC Mapping

SR-IOV Support

Disabled

第三步 Enabled

▶ PCI Hot-Plug Settings

UEFI设置

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

CPU Configuration
Power & Performance
Thermal Configuration
Trusted Computing
ACPI Settings
NCT5532D Super IO Configuration
Hardware Monitor
Smart Fan Function
S5 RTC Wake Settings
PCI Subsystem Settings
Network Stack Configuration
CSM Configuration **第一步**
NVMe Configuration
USB Configuration

Advanced

Compatibility Support Module Configuration

CSM Support [Enabled]

CSM16 Module Version 07.81

GateA20 Active [Upon Request]

Option ROM Messages [Force BIOS]

INT19 Trap Response [Immediate]

Boot option filter **第二步**

Option ROM execution

Network

Storage

Video

Other PCI devices

第三步

— Boot option filter —

UEFI and Legacy

Legacy only

UEFI only

[Legacy]

[UEFI]

网卡启动

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Main Advanced Chipset Security Boot Save & Exit

CPU Configuration
Power & Performance
Thermal Configuration
Trusted Computing
ACPI Settings
NCT5532D Super IO Configuration
Hardware Monitor
Smart Fan Function
S5 RTC Wake Settings
PCI Subsystem Settings
Network Stack Configuration
CSM Configuration **第一步**
NVMe Configuration
USB Configuration

Advanced

Compatibility Support Module Configuration

CSM Support [Enabled]

CSM16 Module Version 07.81

GateA20 Active [Upon Request]

Option ROM Messages [Force BIOS]

INT19 Trap Response [Immediate]

Boot option filter

Option ROM execution

Network 第二步

Storage

Video

Other PCI devices

第三步

Network

- Do not launch
- UEFI
- Legacy

[UEFI]

[Legacy]

[UEFI]

内存频率设置

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

- ▶ System Agent (SA) Configuration **第一步**
- ▶ PCH-IO Configuration

Chipset

System Agent (SA) Configuration

SA PCIe Code Version 2.0.0.0
VT-d Supported

- ▶ Memory Configuration **第二步**
- ▶ Graphics Configuration
- ▶ DMI/OPI Configuration
- ▶ PEG Port Configuration

VT-d [Enabled]

Memory Training Algorithms
Memory Configuration

Memory RC Version
Memory Frequency
Memory Timings (tCL-tRCD-tRP-

Channel 0 Slot 0
Channel 1 Slot 0
Size
Number of Ranks
Manufacturer

Memory ratio/reference clock
options moved to
Overclock->Memory->Custom Pro
menu

MRC ULT Safe Config
Maximum Memory Frequency

HOB Buffer Size
ECC Support
Max TOLUD

SA GV
SA GV Low Freq
Retrain on Fast Exit

2.0.0.6

Maximum Memory Frequency

- Auto** 第三步
- 1067
- 1333
- 1600
- 1867
- 2133
- 2400
- 2667
- 2933
- 3200
- 3467
- 3733
- 4000
- 4133

第二步

[Dynamic]
[Enabled]
[MRC default]

VT-D设置

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

▶ System Agent (SA) Configuration

▶ PCH-IO Configuration

第一步

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System Agent (SA) Configuration

SA PCIe Code Version
VT-d

2.0.0.0
Supported

- Memory Configuration
- Graphics Configuration
- DMI/OPI Configuration
- PEG Port Configuration

VT-d **第二步**

[E] **VT-d**

Disabled
Enabled

第三步

硬盘模式设置

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

System Agent (SA) Configuration

PCH-IO Configuration **第一步**

Chipset

PCH-IO Configuration

- ▶ PCI Express Configuration
- ▶ SATA And RST Configuration **第二步**
- ▶ USB Configuration
- ▶ HD Audio Configuration

Wake on LAN

[Enabled]

Restore AC Power Loss

[Power Off]

Chipset

SATA And RST Configuration

SATA Controller(s) [Enabled]
SATA Mode Selection [AHCI] **第三步**
SATA Test Mode [Disabled]
▶ Software Feature Mask Configuration
Aggressive LPM Support [Enabled]
SATA Controller Speed [Default]

Serial ATA Port 1 Empty
Software Preserve
Port 0
Hot Plug
Configured as eSATA
Spin Up Device
SATA Device Type [Hard Disk Drive]
Topology [ISATA]
SATA Port 0 DevSlp [Disabled]
DITO Configuration [Disabled]
DITO Value 625
DM Value 15
Serial ATA Port 2 Empty
Software Preserve Unknown

— SATA Mode Selection —
AHCI
Intel RST

第四步

板载音频设置

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Main

Advanced

Chipset

Security

Boot

Save

System Agent (SA) Configuration

PCH-IO Configuration **第一步**

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Chipset

PCH-IO Configuration

- ▶ PCI Express Configuration
- ▶ SATA And RST Configuration
- ▶ USB Configuration
- ▶ HD Audio Configuration **第二步**

Wake on LAN

[Enabled]

Restore AC Power Loss

[Power Off]

HD Audio Subsystem Configuration Settings

- HD Audio 第三步 [Enabled]
- Audio DSP [Disabled]
- HDA-Link Codec Select [Platform Onboard]
- iDisplay Audio Disconnect [Disabled]
- PME Enable [Disabled]
- ▶ HD Audio Advanced Configuration

来电启动设置

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

▶ System Agent (SA) Configuration

▶ PCH-IO Configuration **第一步**

PCH-IO Configuration

- ▶ PCI Express Configuration
- ▶ SATA And RST Configuration
- ▶ USB Configuration
- ▶ HD Audio Configuration

Wake on LAN

[Enabled]

Restore AC Power Loss **第二步**

[Power Off]

第三步

Restore AC Power Los
Power On
Power Off
Last State

网络唤醒设置

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

▶ System Agent (SA) Configuration

▶ PCH-IO Configuration **第一步**

PCH-IO Configuration

- ▶ PCI Express Configuration
- ▶ SATA And RST Configuration
- ▶ USB Configuration
- ▶ HD Audio Configuration

Wake on LAN **第二步**
Restore AC Power Loss

[Enabled]
[Power Off]

第三步

Wake on LAN
Enabled
Disabled

安全启动

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Main Advanced Chipset Security Boot Save & Exit

Password Description

The password length must be in the following range:

Minimum length

1

Maximum length

20

Administrator Password

User Password

Secure Boot 第一步

System Mode
Secure Boot
Vendor Keys

Setup
Not Active
Active

Attempt Secure Boot
Secure Boot Mode
Key Management

[Disabled]
[Custom]

第二步;选择需要的安全启动模式

Secure Boot Mode
Standard
Custom

System Mode
Secure Boot
Vendor Keys

User
Not Active
Active

Attempt Secure Boot
Secure Boot Mode
Key Management

第三步

第四步

[Enabled]
[Standard]