

知 H3C服务器硬件信息确认方法

BIOS HDM 林加峻 2022-09-16 发表

组网及说明

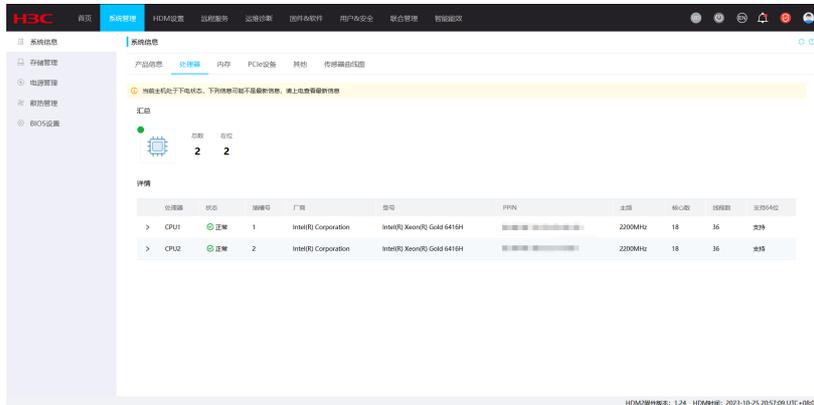
本文章适用于H3C G3/G5/G6系列 服务器，如服务器需要查看确认当前硬件信息可以参考此文章。

配置步骤

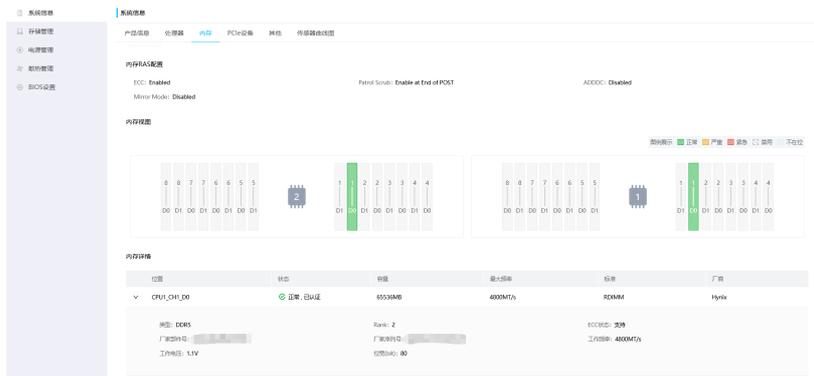
一. HDM Web管理界面查看CPU、内存、PCIe板卡硬件信息

1.H3C G6 系列服务器

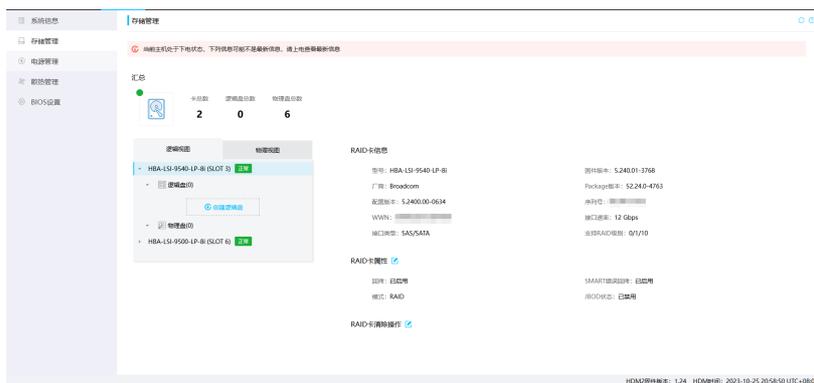
① 在HDM web管理界面，依次选择[系统管理/系统信息/处理器]，即可在汇总页面查看到服务器当前CPU相关信息。



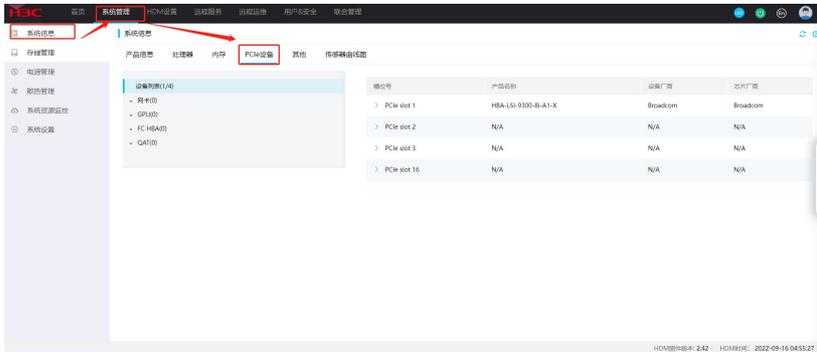
② 在HDM web管理界面，依次选择[系统管理/系统信息/内存]，即可在汇总页面查看到服务器当前内存相关信息。



③ 在HDM web管理界面，依次选择[系统管理/存储管理]，即可在汇总页面查看到服务器当前阵列卡相关信息。

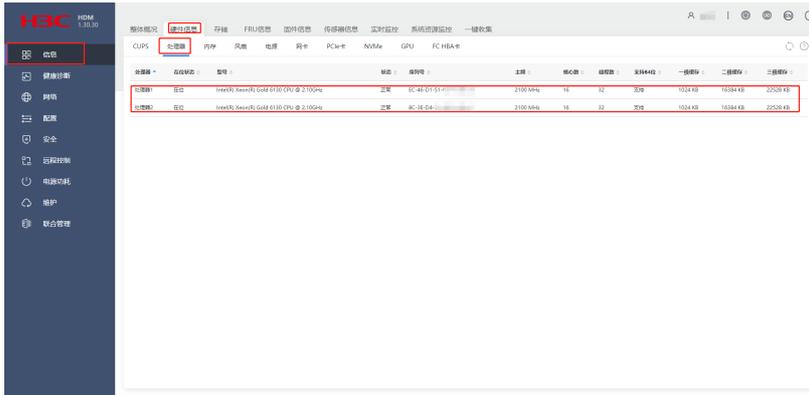


④ 在HDM web管理界面，依次选择[系统管理/PCIe设备]，即可在汇总页面查看到服务器当前PCIe板卡相关信息。

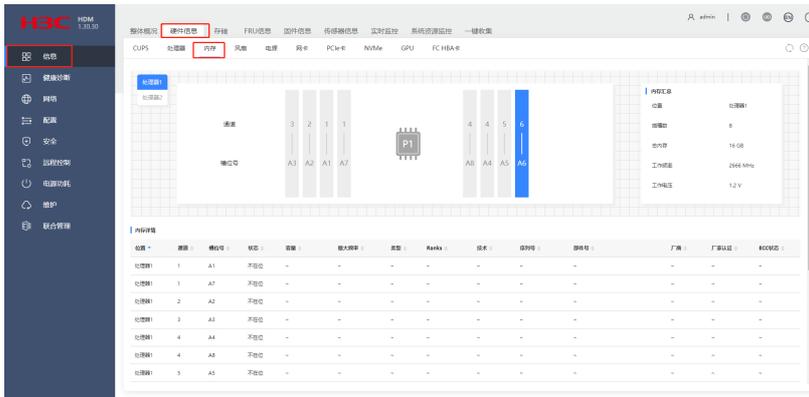


3. H3C G3/G5系列服务器(HDM 1.11.XX/1.30.XX固件版本)

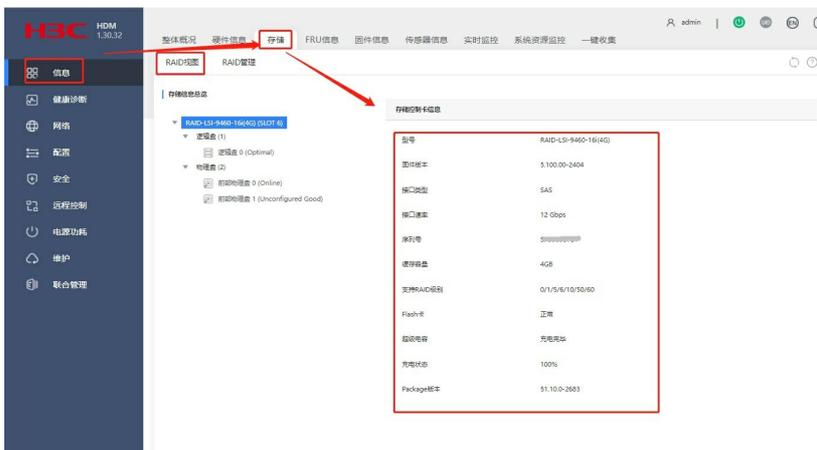
① 在HDM web管理界面，依次选择[信息/硬件信息/处理器]，即可在汇总页面查看到服务器当前CPU相关信息。



② 在HDM web管理界面，依次选择[信息/硬件信息/内存]，即可在汇总页面查看到服务器当前内存相关信息。



③ 在HDM web管理界面，依次选择[信息/存储]，即可在汇总页面查看到服务器当前阵列卡相关信息。



④ 在HDM web管理界面，依次选择[信息/硬件信息/PCIe设备]，即可在汇总页面查看到服务器当前PCIe板卡相关信息。



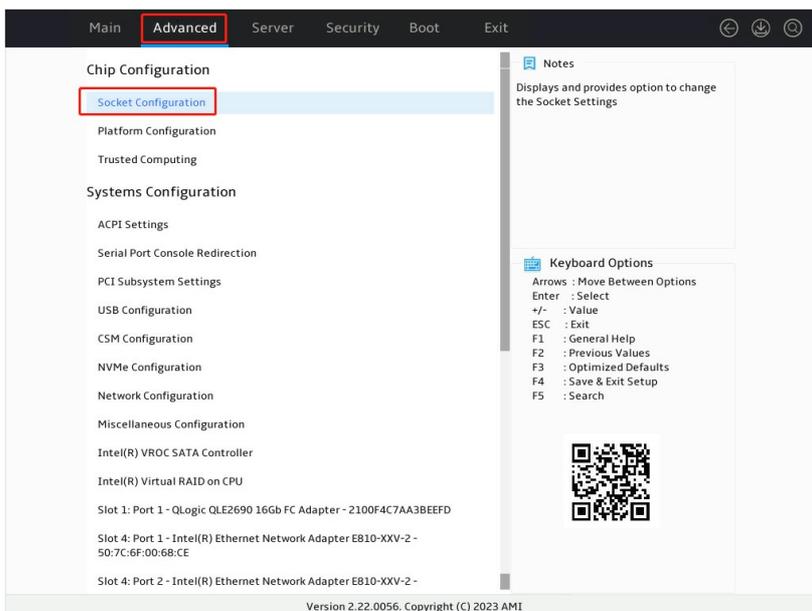
二. BIOS界面查看CPU、内存、PCIe板卡硬件信息

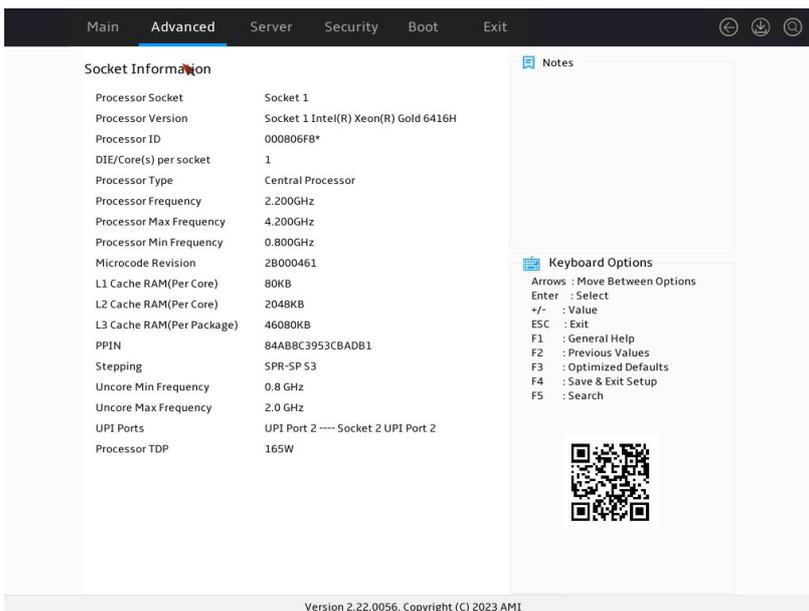
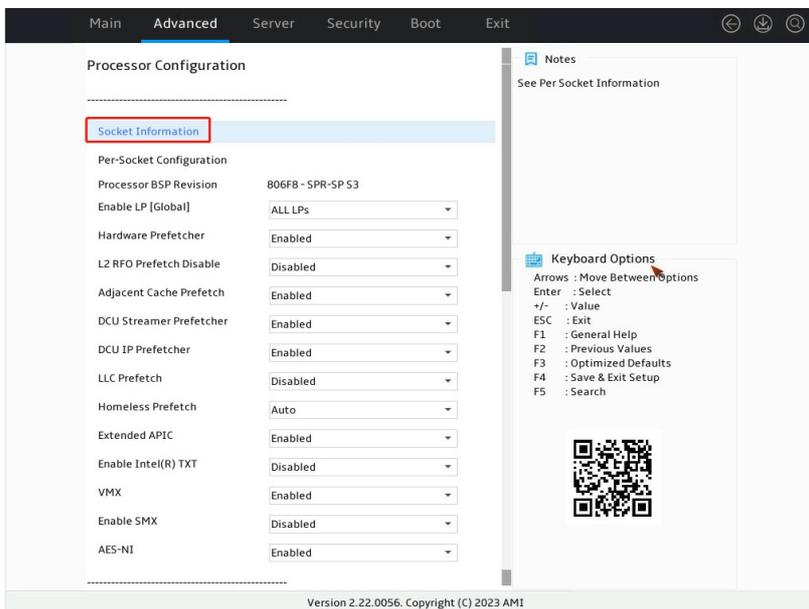
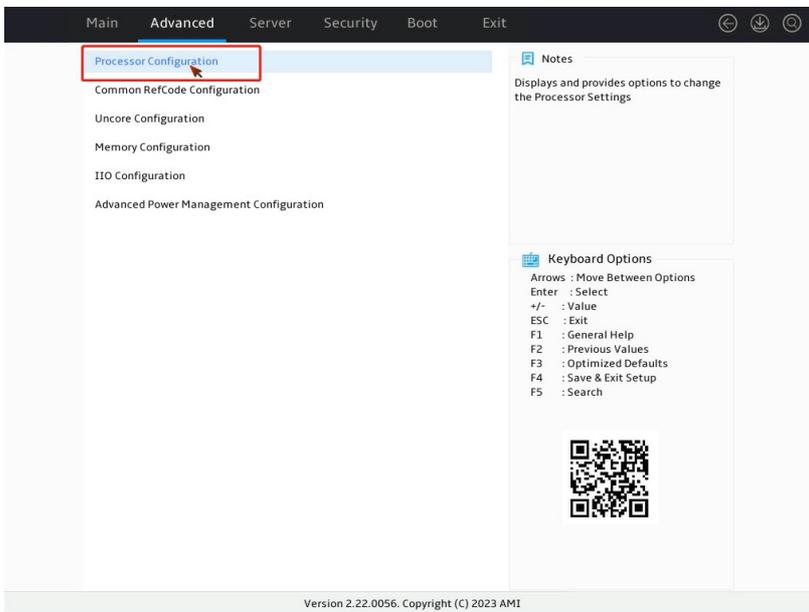
1. Intel Eagle Stream系列CPU在BIOS界面查看硬件信息(G6服务器)

① 服务器开机按[ESC/DEL]进入BIOS界面。



② 在BIOS界面，选择[Advanced/Socket Configuration/Processor Configuration/Socket Information]，即可查看到服务器当前CPU的相关信息





③ 在BIOS界面, 选择[Advanced/Socket Configuration/Memory Configuration/Memory Topology], 即可查看到服务器当前内存的相关信息。

Main **Advanced** Server Security Boot Exit

Chip Configuration

- Socket Configuration**
- Platform Configuration
- Trusted Computing

Systems Configuration

- ACPI Settings
- Serial Port Console Redirection
- PCI Subsystem Settings
- USB Configuration
- CSM Configuration
- NVMe Configuration
- Network Configuration
- Miscellaneous Configuration
- Intel(R) VROC SATA Controller
- Intel(R) Virtual RAID on CPU
- Slot 1: Port 1 - QLogic QLE2690 16Gb FC Adapter - 2100F4C7AA3BEFD
- Slot 4: Port 1 - Intel(R) Ethernet Network Adapter E810-XXV-2 - 50:7C:6F:00:68:CE
- Slot 4: Port 2 - Intel(R) Ethernet Network Adapter E810-XXV-2 -

Notes

Displays and provides option to change the Socket Settings

Keyboard Options

- Arrows : Move Between Options
- Enter : Select
- +/- : Value
- ESC : Exit
- F1 : General Help
- F2 : Previous Values
- F3 : Optimized Defaults
- F4 : Save & Exit Setup
- F5 : Search



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Main **Advanced** Server Security Boot Exit

Processor Configuration

- Common RefCode Configuration
- Uncore Configuration
- Memory Configuration**
- IIO Configuration
- Advanced Power Management Configuration

Notes

Displays and provides option to change the Memory Settings

Keyboard Options

- Arrows : Move Between Options
- Enter : Select
- +/- : Value
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Main **Advanced** Server Security Boot Exit

Processor Configuration

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Notes

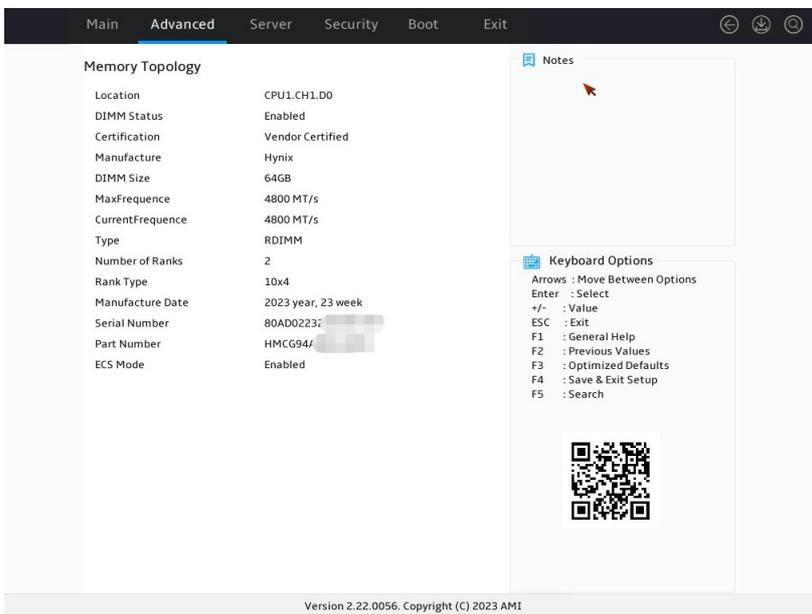
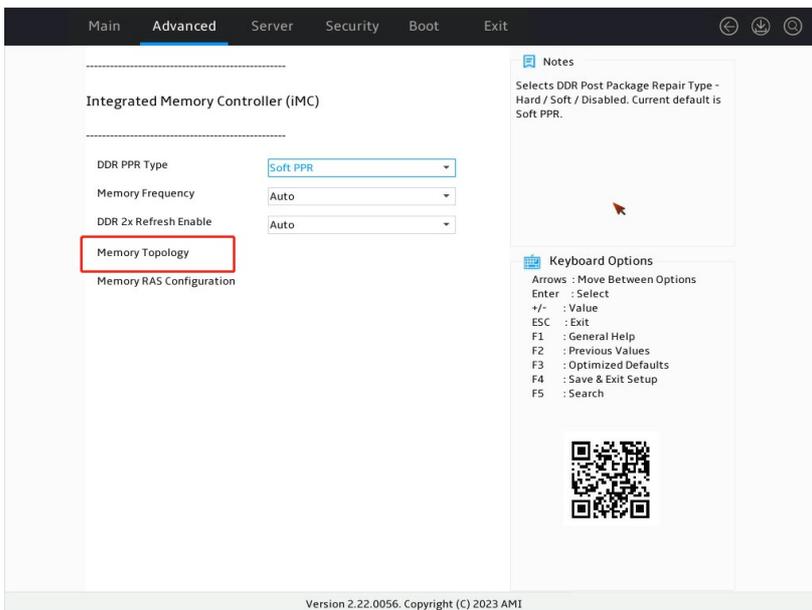
Displays and provides option to change the Memory Settings

Keyboard Options

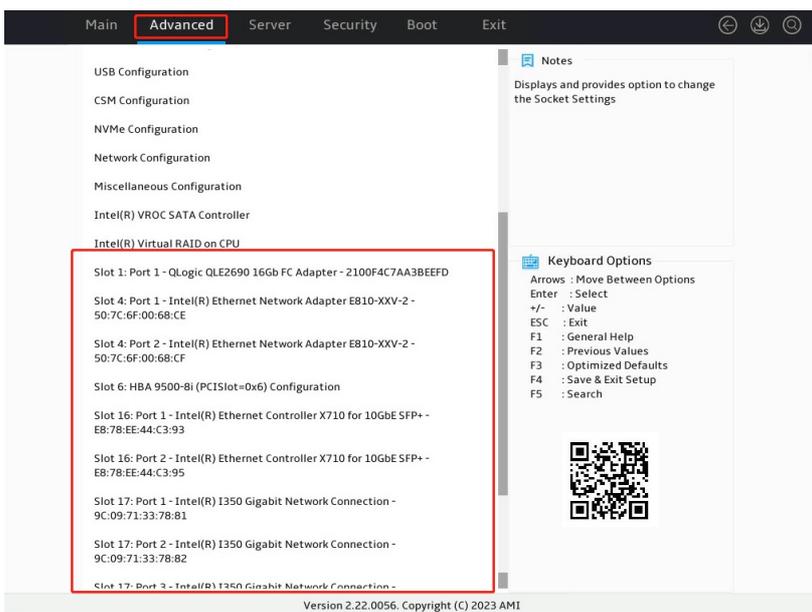
- Arrows : Move Between Options
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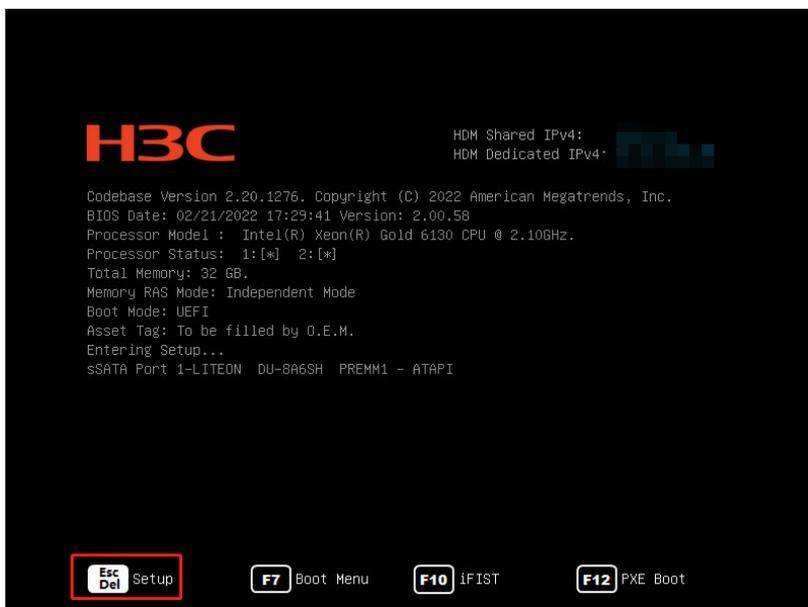


④ 在BIOS界面，选择[Advanced]，即可查看到服务器当前PCIe板卡的相关信息。

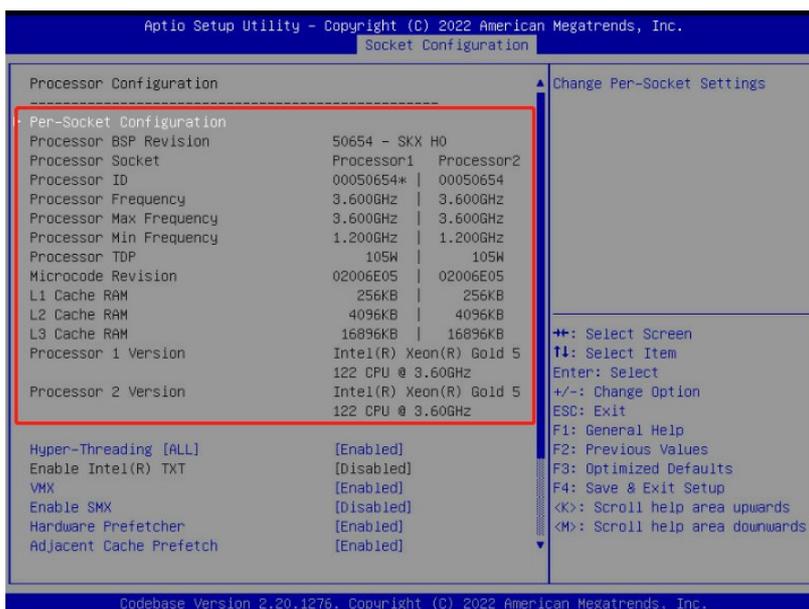
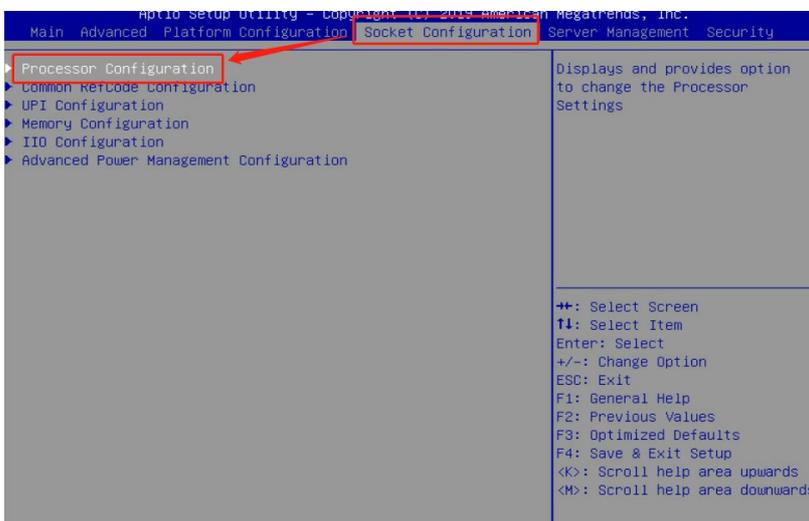


2. Intel Purley/Whitley & Cedar Island系列CPU在BIOS界面查看硬件信息(G3/G5服务器)

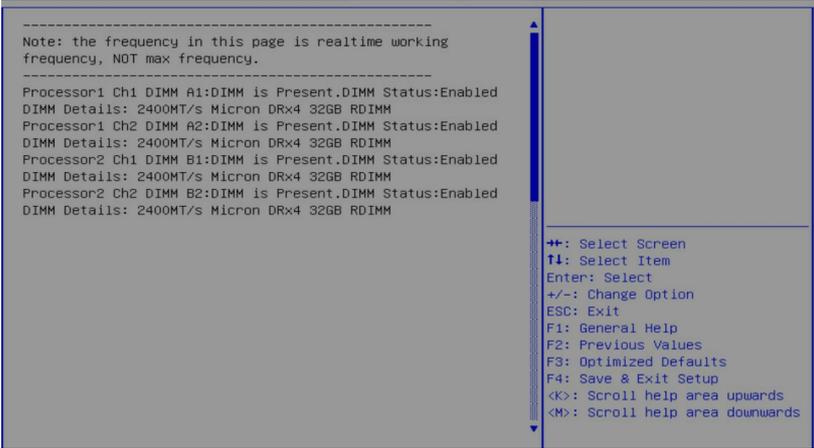
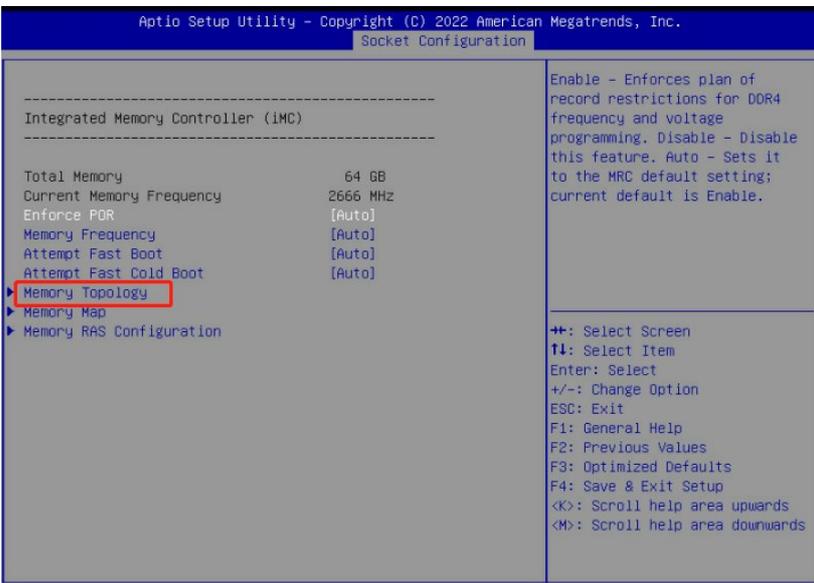
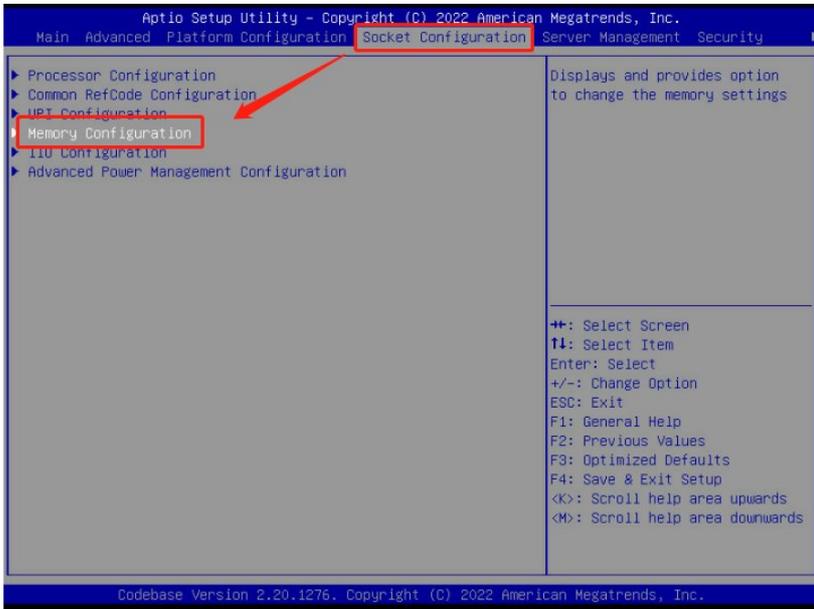
① 服务器开机按 [ESC/DEL] 进入 BIOS 界面。



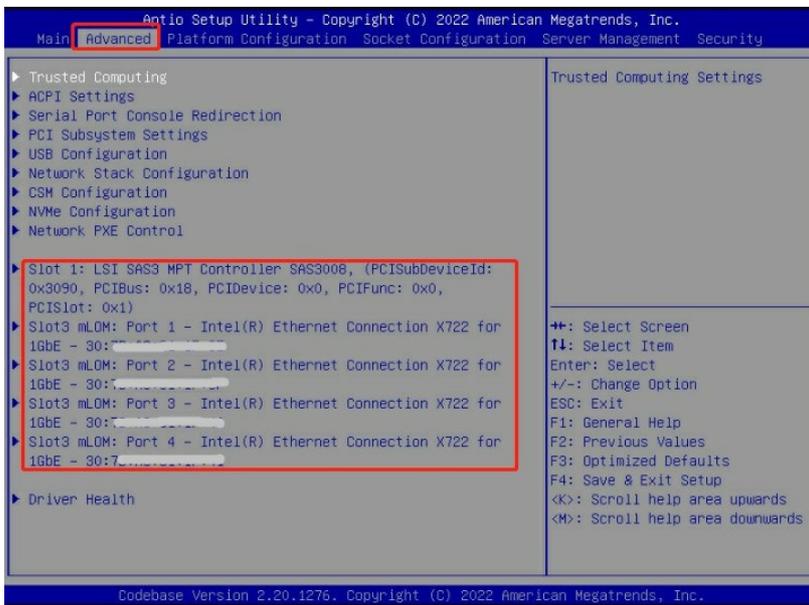
- ② 在BIOS界面，选择 **[Socket Configuration/Processor Configuration]**，即可查看到服务器当前CPU的相关信息



- ③ 在BIOS界面，选择 **[Socket Configuration/Memory Configuration/Memory Topology]**，即可查看到服务器当前内存的相关信息。



④ 在BIOS界面，选择[Advanced]，即可查看到服务器当前PCIe板卡的相关信息。

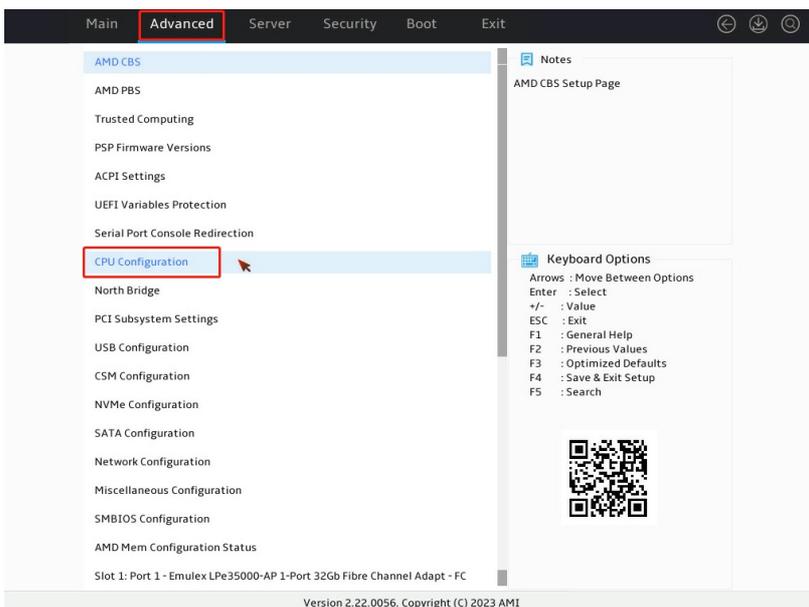


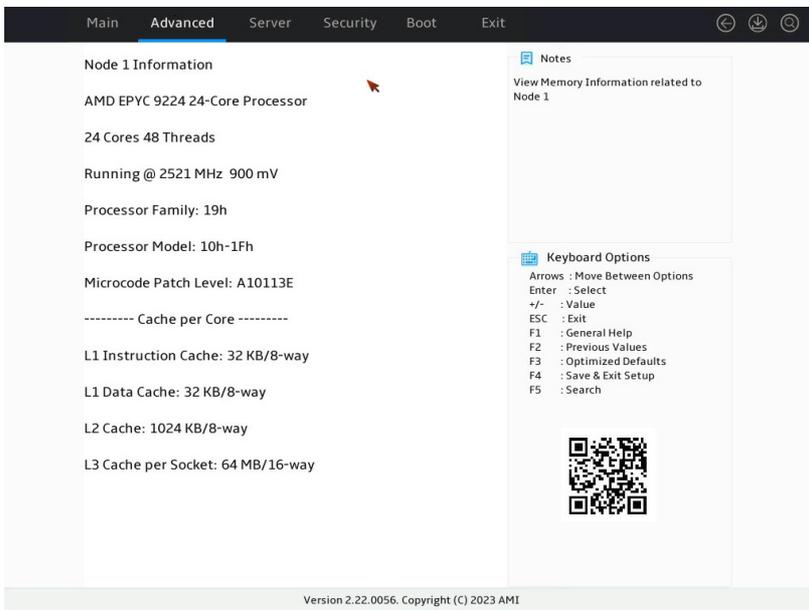
3. AMD Genoa & Bergamo系列CPU在BIOS界面查看硬件信息(G6)

- ① 服务器开机按 **[DEL/F2]** 进入 BIOS 界面。

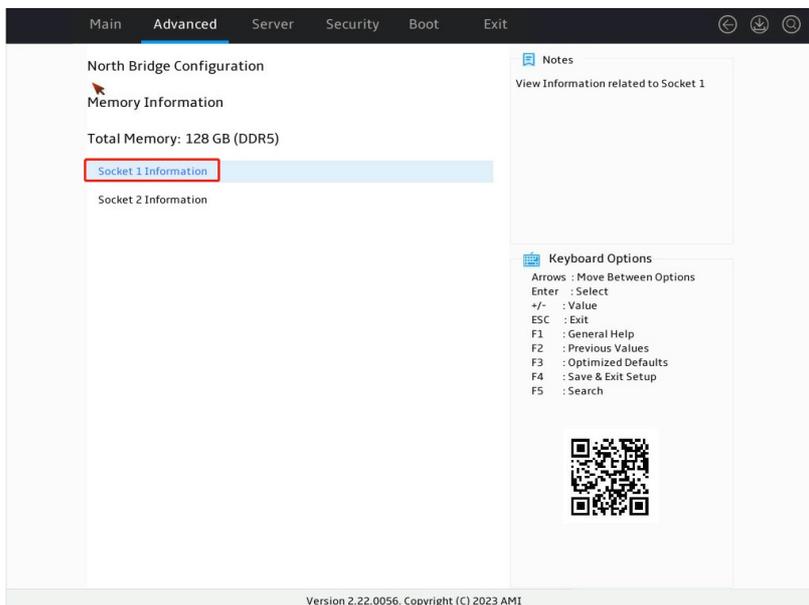
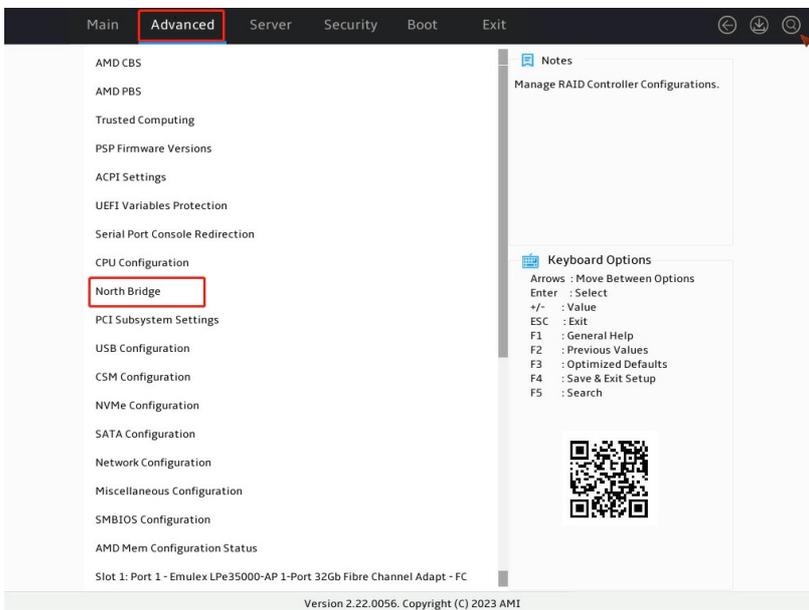


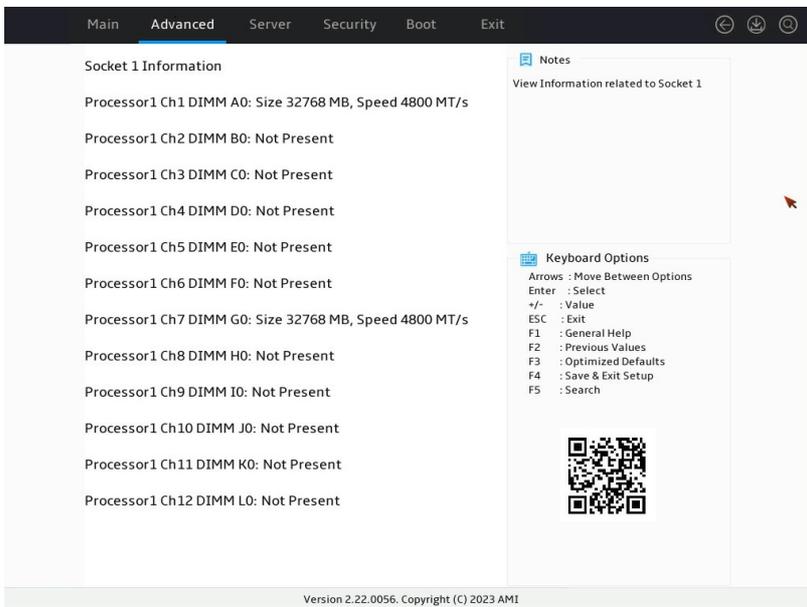
- ② 在BIOS界面, 选择 **[Advanced/CPU Configuration/CPU X Information]**, 即可查看到服务器当前CPU的相关信息



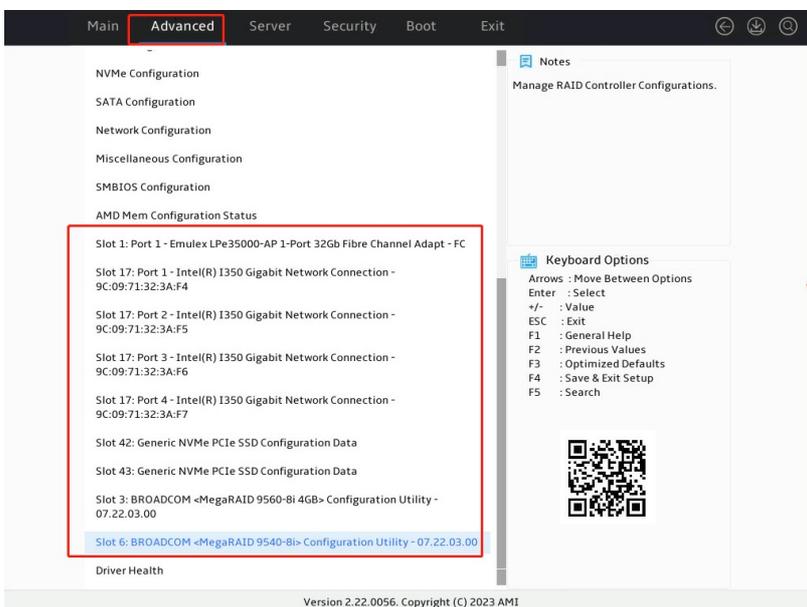


③ 在BIOS界面，选择[North Bridge/Socket X Information]，即可查看到服务器当前内存的相关信息





④ 在BIOS界面，选择[Advanced]，即可查看到服务器当前PCIe板卡的相关信息。

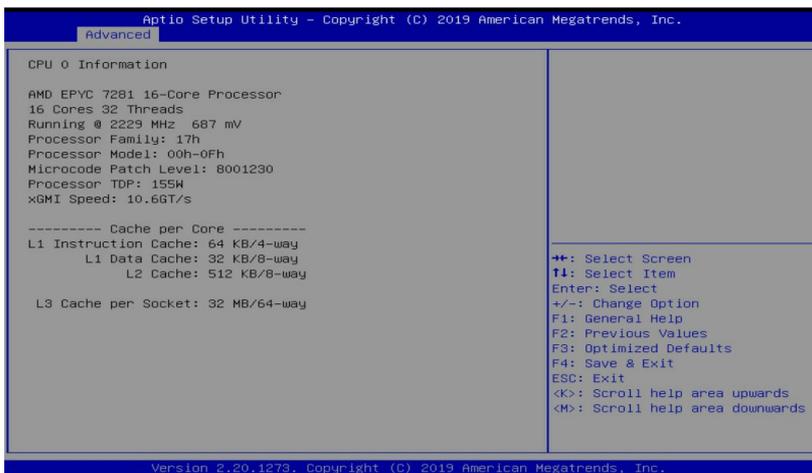
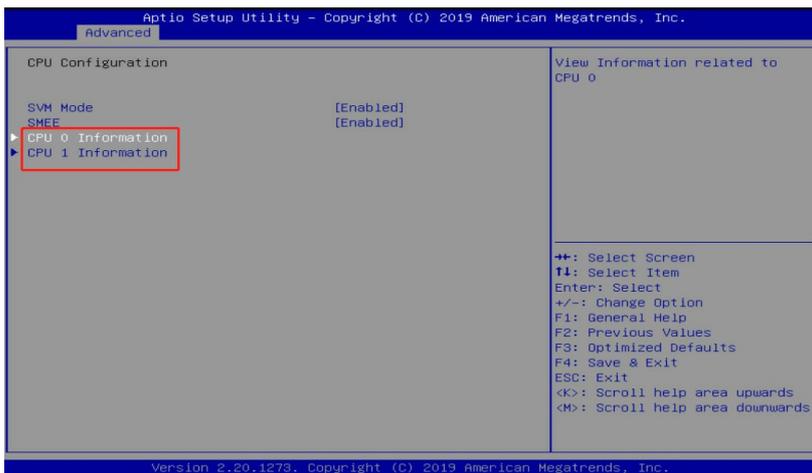
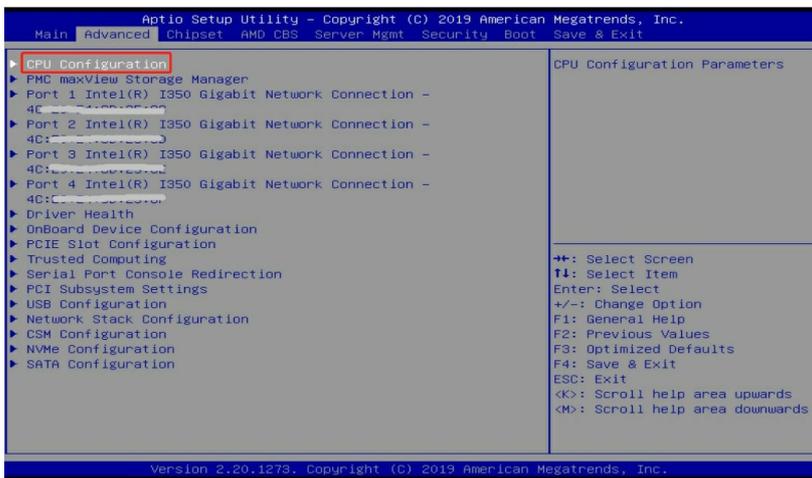


4. AMD Rome & Milan系列CPU在BIOS界面查看硬件信息(G3/G5)

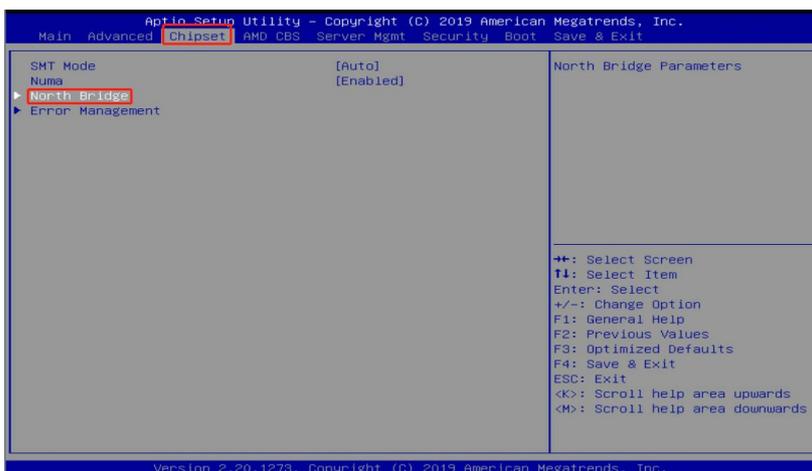
① 服务器开机按 [DEL/F2] 进入 BIOS 界面。

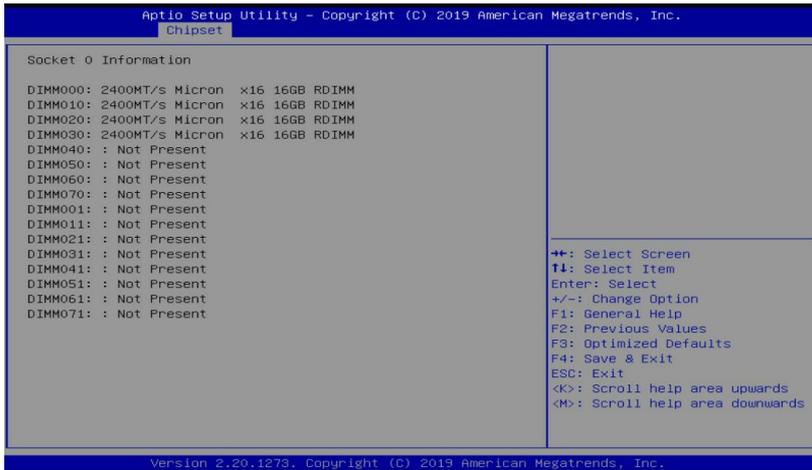
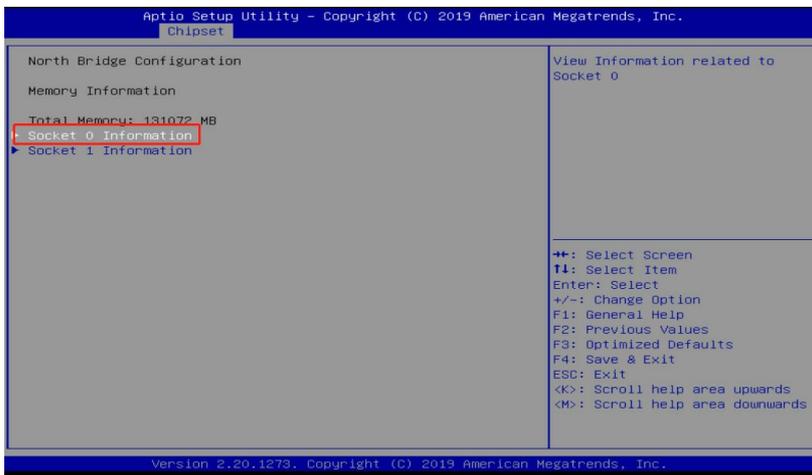


② 在BIOS界面，选择 [Advanced/CPU Configuration/CPU X Information]，即可查看到服务器当前CPU的相关信息。

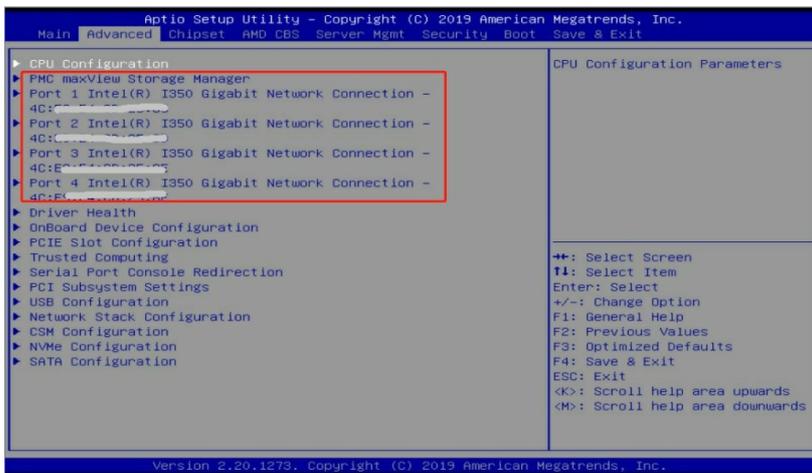


③ 在BIOS界面，选择[Chipset/North Bridge/Socket X Information]，即可查看到服务器当前内存的相关信息。





④ 在BIOS界面，选择[Advanced]，即可查看到服务器当前PCIe板卡的相关信息。



5. Hygon系列CPU在BIOS界面查看硬件信息

① 服务器开机按 [DEL] 进入 BIOS 界面。

```

ByoCore Version U1.0. Copyright (c) 2021 Nanjing Byosoft Co., Ltd
BIOS Date: 07/20/2022 11:59 Version: 5.27
Processor Model : Hygon C86 7265 24-core Processor
Processor Speed : 2200 Mhz
Processor Status: 1:[*] 2:[*]
Total Memory: 131072 MB(DDR4 2400 Mhz)
Product Name: H3C UniServer R4330 G5
Serial Number: 210[REDACTED]
Boot Mode: UEFI

```

```

iDRM Shared IPv4 : 0.0.0.0
iDRM Dedicated IPv4 : 10.[REDACTED].[REDACTED]

```

按 Del 进入固件配置，按 F7 进入启动菜单，按 F10 进入 iFisT，按 F12 进入网络启动

- ② 在BIOS界面，选择 **[Main/Cpu Info]**，即可查看到服务器当前CPU的相关信息

Byosoft BIOS Setup Utility

Main Device Advanced Security Boot Exit

		Help Message
BIOS Vendor	Byosoft	Select Language
BIOS Version	Byosoft ByoCore BIOS U1.0	
Release Version	5.27	
BIOS Build Time	07/20/2022 11:59	
Mother Board Info	[REDACTED]	
User Login Type	Administrator	
Select Language	<English>	
▶ CPU Info		
▶ Memory Info		
▶ System Date and Time		
▶ System Summary		

F1 Help F4 Select Item -/+ Change Value F3 Setup Defaults
Esc Exit ← Select Menu Enter Select Sub-Menu F4 Save & Exit

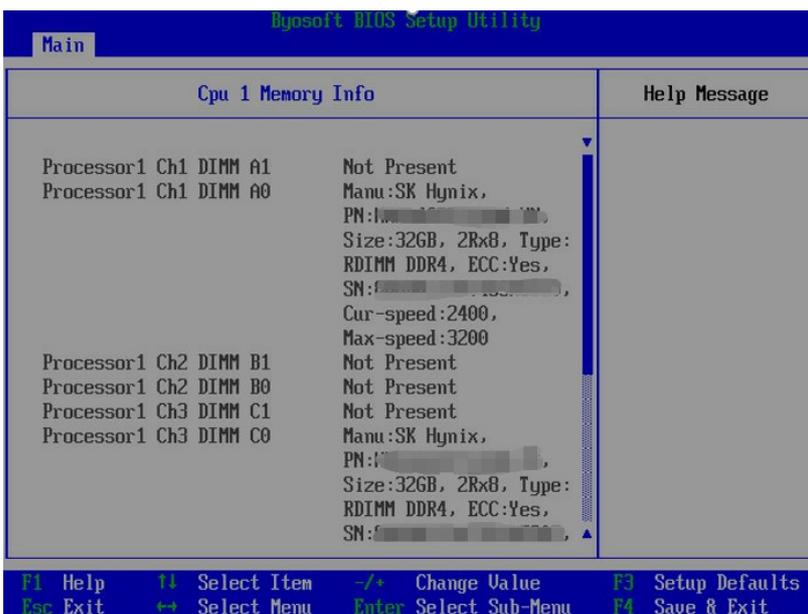
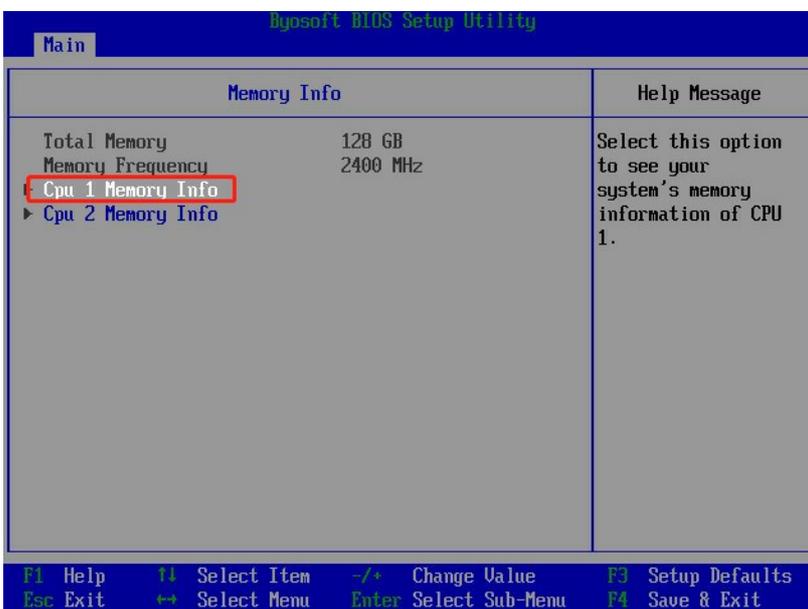
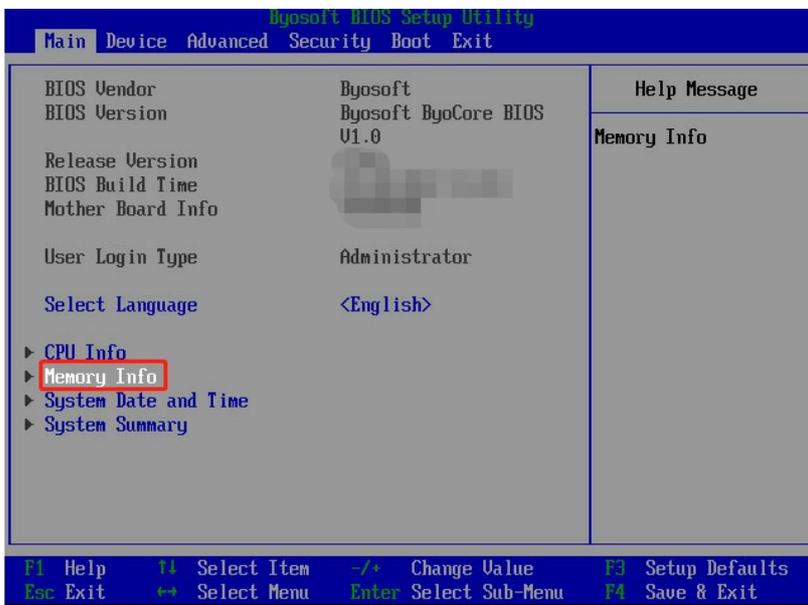
Byosoft BIOS Setup Utility

Main

CPU Info		Help Message
CPU Type	Hygon C86 7265 24-core Processor ▼	
Processor Socket	CPU 1 CPU 2	
CPU ID	0x900F11	
CPU Speed	2200 MHz 2200 MHz	
CPU Core Count	24 Cores 24 Cores	
CPU Thread Count	48 Thread 48 Thread	
CPU TDP	180 W 180 W	
CPU MicroCode Patch Version	0x80901047	
Stepping	B1 B1	
L1 Cache Size	2304KB 2304KB	
L2 Cache Size	12MB 12MB ▲	

F1 Help F4 Select Item -/+ Change Value F3 Setup Defaults
Esc Exit ← Select Menu Enter Select Sub-Menu F4 Save & Exit

- ③ 在BIOS界面，选择 **[Main/Memory Info]**，即可查看到服务器当前内存的相关信息。



- ④ 在BIOS界面，选择[Advanced/UEFI HII Configuration]，即可查看到服务器当前PCIe板卡的相关信息。

UEFI HII Configuration	Help Message
<ul style="list-style-type: none"> ▶ Driver Health Manager ▶ Intel(R) I350 Gigabit Network Connection - C4:CC:62:00:00:00 ▶ ULAN Configuration ▶ IPv4 Network Configuration ▶ IPv6 Network Configuration ▶ Intel(R) I350 Gigabit Network Connection - C4:CC:62:00:00:00 ▶ ULAN Configuration ▶ IPv4 Network Configuration ▶ IPv6 Network Configuration ▶ Intel(R) I350 Gigabit Network Connection - C4:CC:62:00:00:00 ▶ ULAN Configuration ▶ IPv4 Network Configuration ▶ IPv6 Network Configuration ▶ Intel(R) I350 Gigabit Network Connection - 	<p>List all the Driver Health instances to manage</p>
<p>F1 Help ↑ Select Item -/+ Change Value F3 Setup Defaults Esc Exit ← Select Menu Enter Select Sub-Menu F4 Save & Exit</p>	