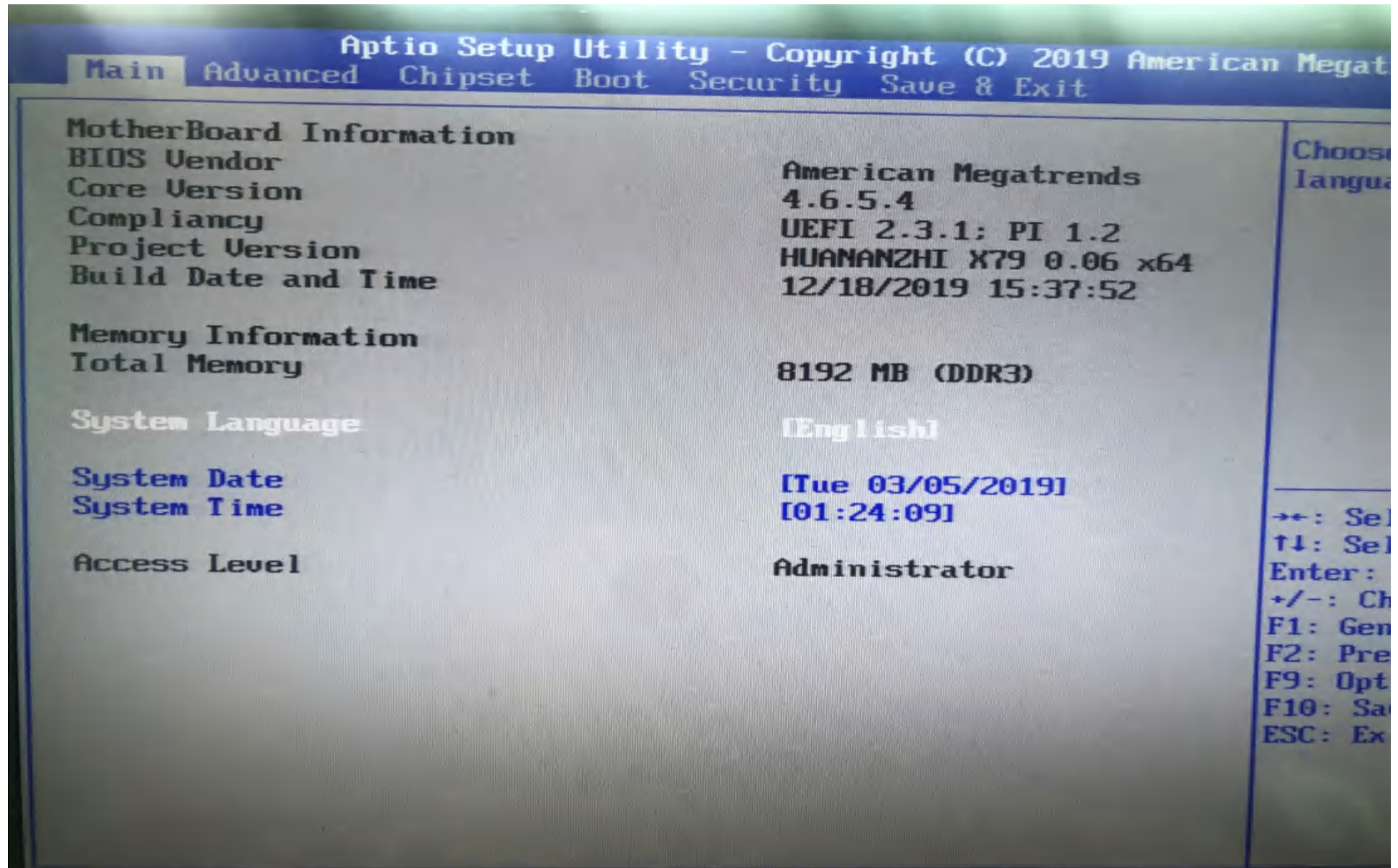
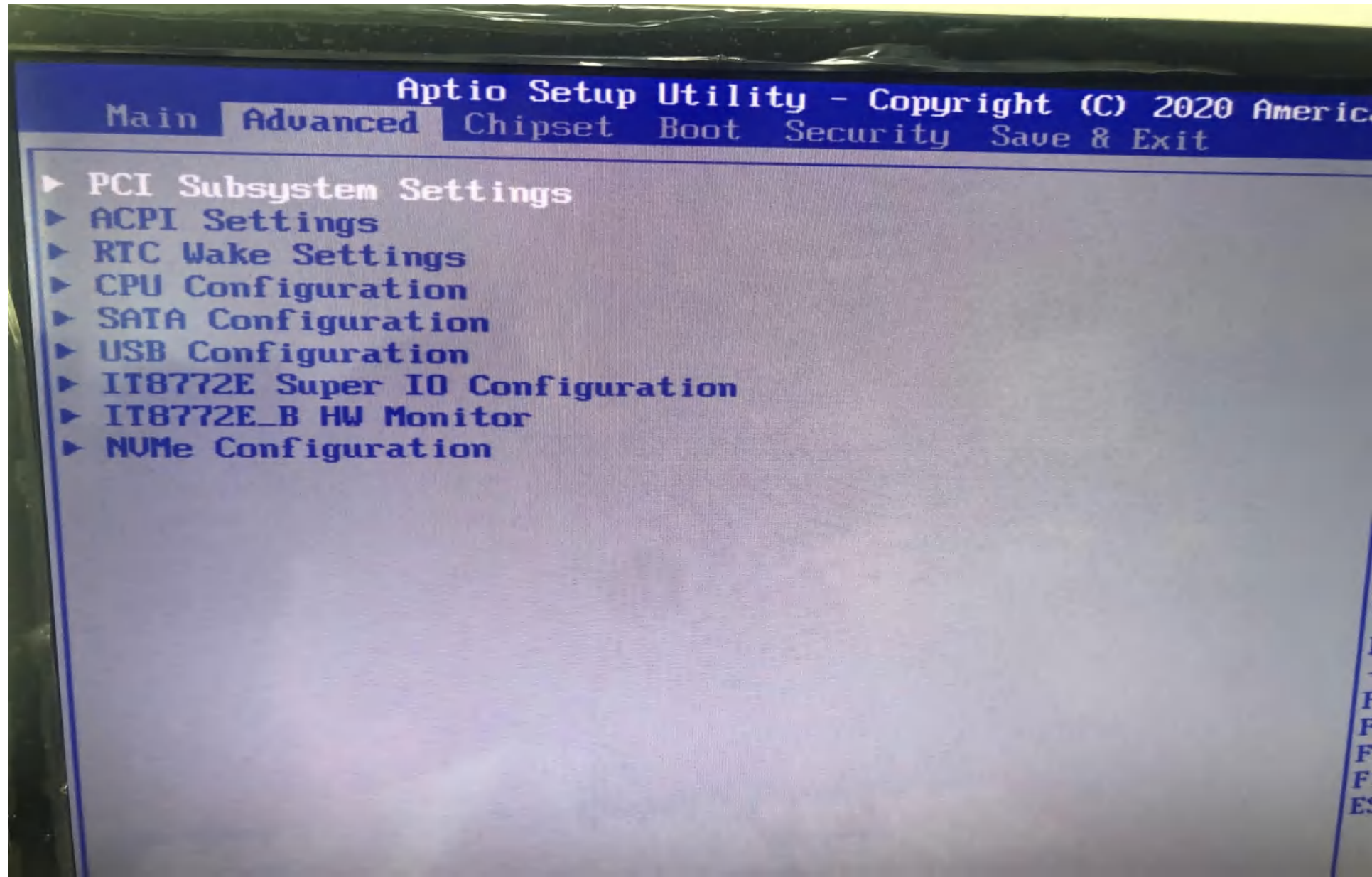


X79 4M

日期



ABOVE 4G DECODING



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PCI Bus Driver Version

V 2.05.02

PCI 64bit Resources Handling
Above 4G Decoding

[Disabled]

PCI Common Settings

PCI Latency Timer

[32 PCI Bus Clocks]

UGA Palette Snoop

[Disabled]

PERR# Generation

[Disabled]

SERR# Generation

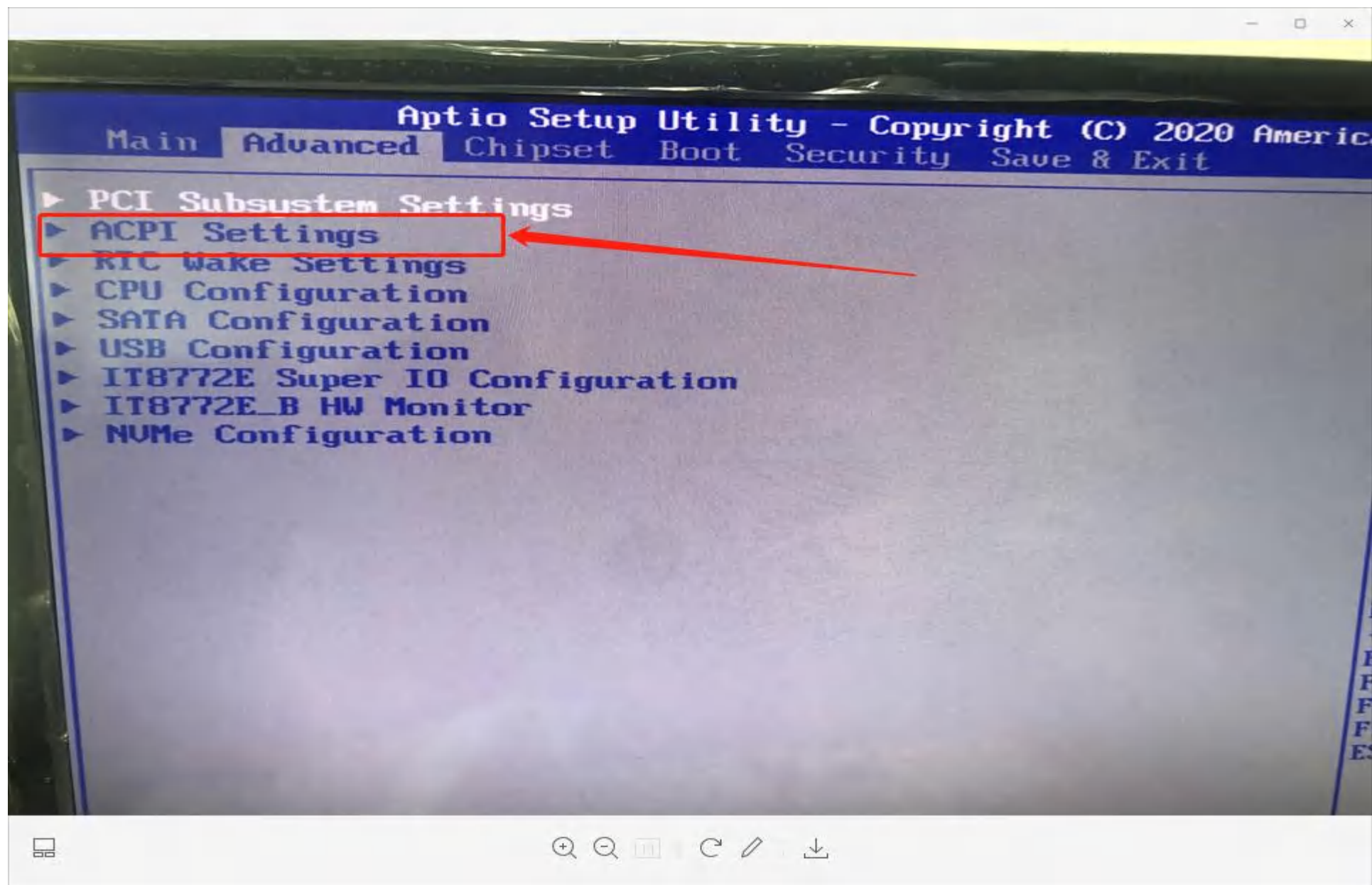
[Disabled]

► PCI Express Settings

Ena
cap
in
(On
bit

++: S
↑↓: S
Enter
+/-: C
F1: Ge
F2: Pr
F9: Op
F10: S
ESC: E

S1 睡眠



ACPI Settings

Enable ACPI Auto Configuration

[Disabled]

Enable Hibernation

[Enabled]

ACPI Sleep State

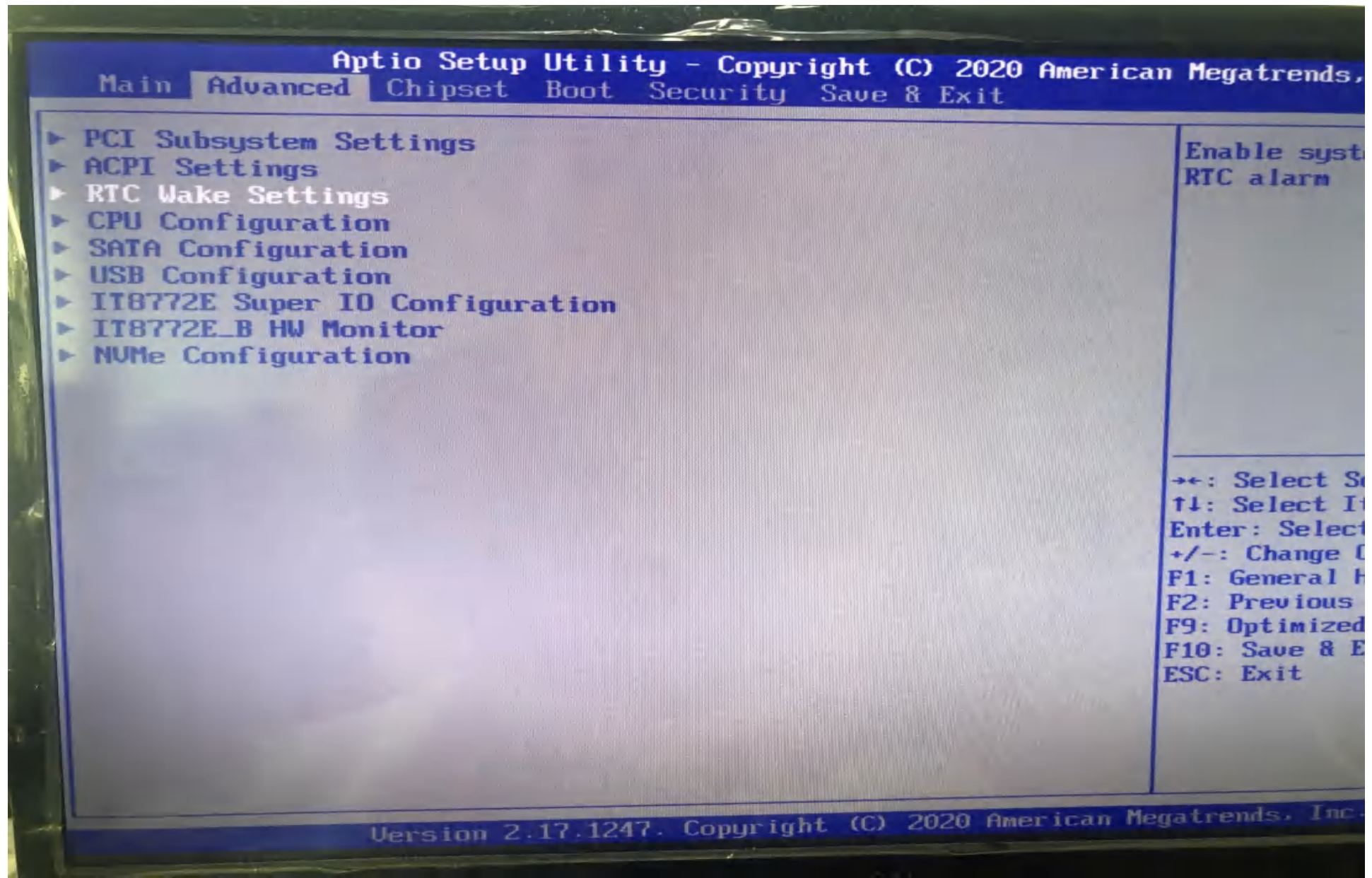
[S1 only (CPU Stop Cl...)]

Lock Legacy Resources

[Disabled]

Select
system
SUSPE→←: Se
↑↓: Se
Enter
+/-: C
F1: Ge
F2: Pr
F9: Op
F10: S
ESC: I

定时开机



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Advanced

Wake system with Fixed Time

[Enabled]

Wake up hour

0

Wake up minute

0

Wake up second

0

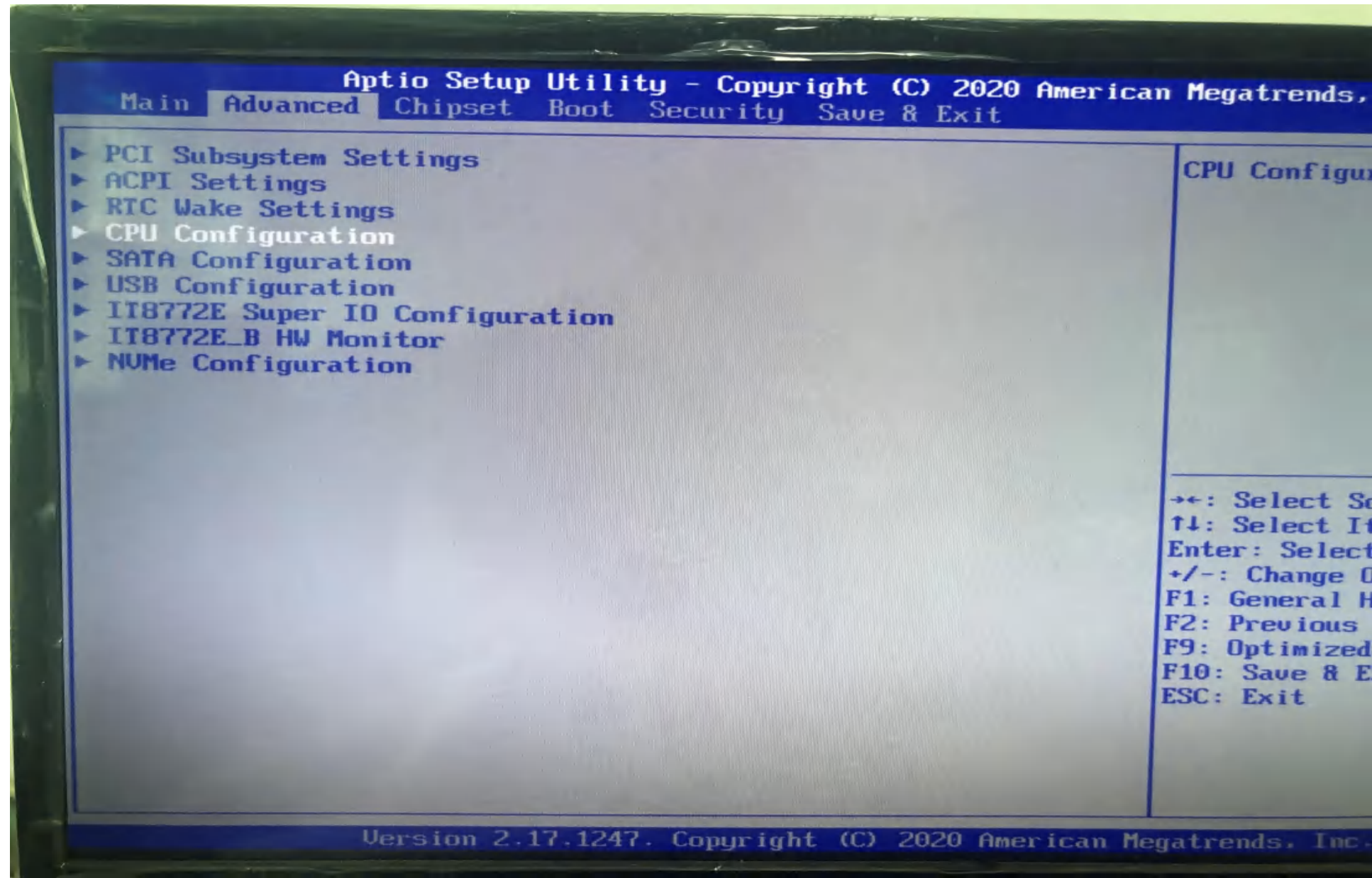
Wake up day of month

0

Enab
on a
Syst
hr::

→←: Se
↑↓: Se
Enter:
+/-: C
F1: Gen
F2: Pre
F9: Opt
F10: Sa
ESC: Ex

关闭超线程 开启核心数量



CPU Configuration

▶ Socket 0 CPU Information

CPU Speed

2600 MHz

64-bit

Supported

Hyper-threading

[Enabled]

Active Processor Cores

[All]

Limit CPUID Maximum

[Disabled]

Execute Disable Bit

[Enabled]

Hardware Prefetcher

[Enabled]

Adjacent Cache Line Prefetch

[Enabled]

DCU Streamer Prefetcher

[Enabled]

DCU IP Prefetcher

[Enabled]

Intel Virtualization Technology

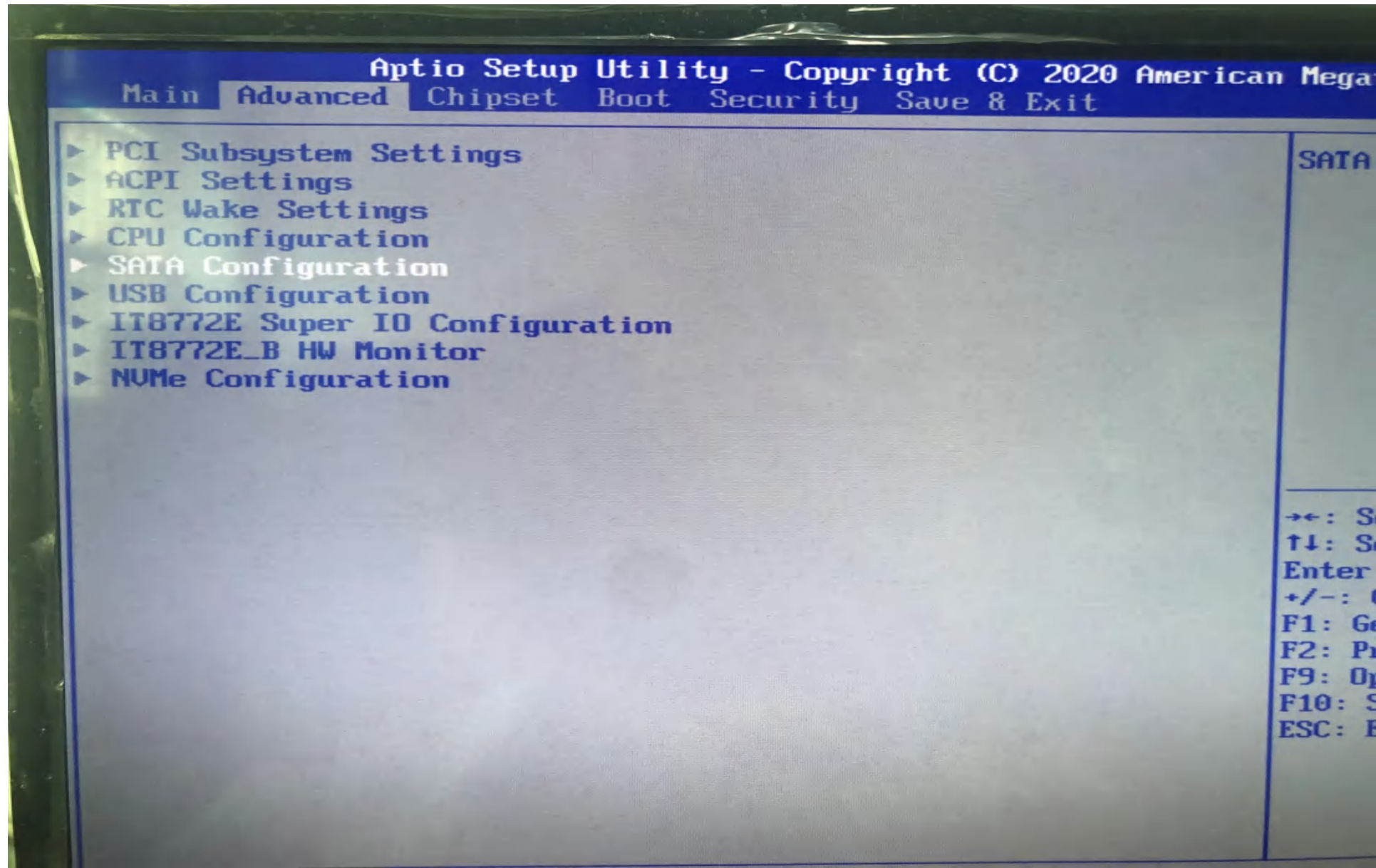
[Enabled]

▶ CPU Power Management Configuration

Enabled for
Linux (OS op
Hyper-Thread
and Disabled
not optimized
Hyper-Thread
When Disabled
per enabled c

→←: Select Sc
↑↓: Select It
Enter: Select
+/-: Change Op
F1: General He
F2: Previous U
F9: Optimized
F10: Save & Ex
ESC: Exit

硬盘热拔插



Advanced

SATA Configuration

SATA Port0	Not Present
SATA Port1	Not Present
SATA Port2	Not Present
SATA Port3	Not Present
SATA Port4	Not Present
SATA Port5	Not Present

SATA Mode	[AHCI Mode]
Aggressive Link Power Management	[Enabled]

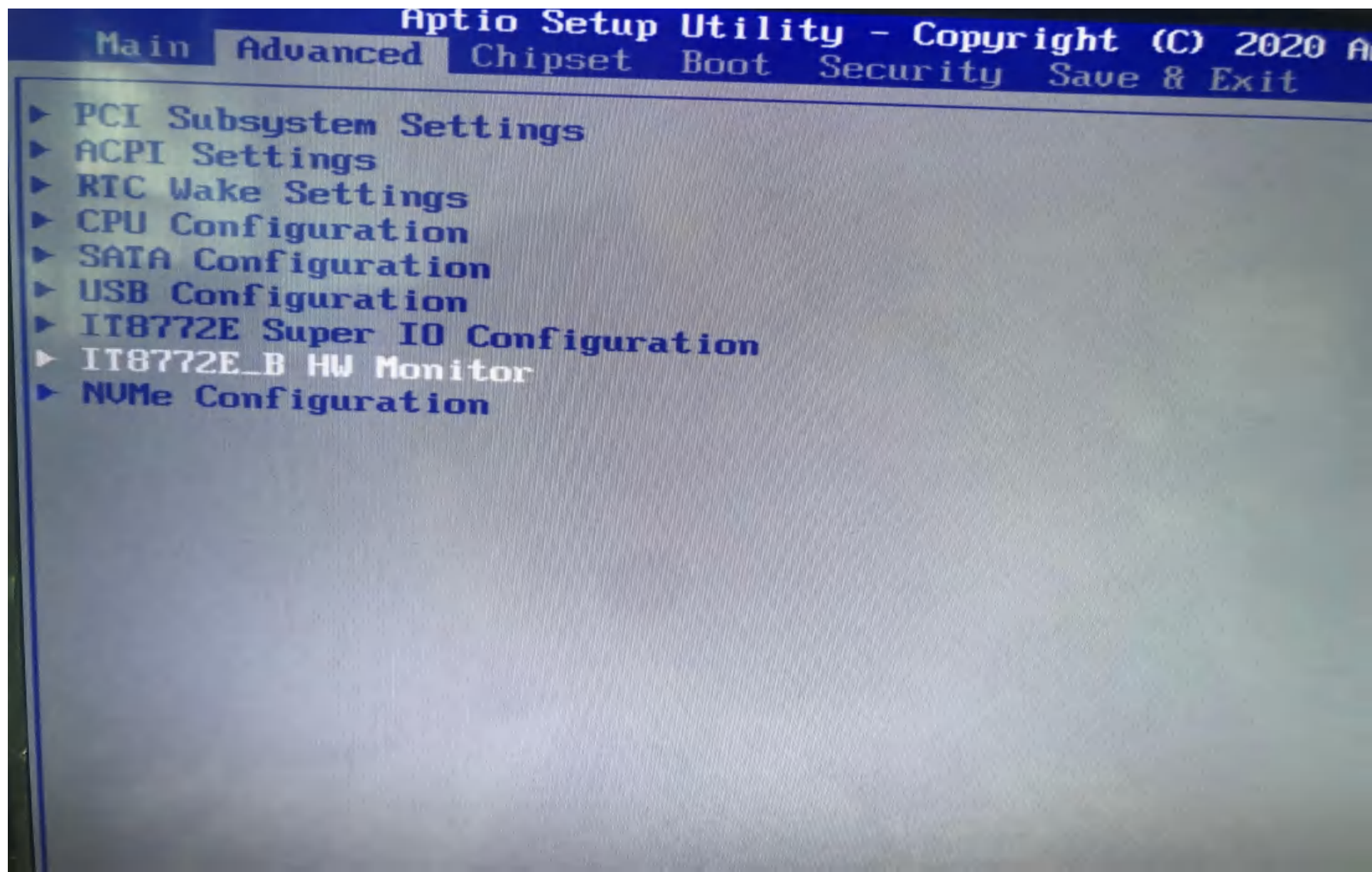
Port 0 Hot Plug	[Disabled]
Port 1 Hot Plug	[Disabled]
Port 2 Hot Plug	[Disabled]
Port 3 Hot Plug	[Disabled]
Port 4 Hot Plug	[Disabled]
Port 5 Hot Plug	[Disabled]

External SATA Port 0	[Disabled]
External SATA Port 1	[Disabled]
External SATA Port 2	[Disabled]
External SATA Port 3	[Disabled]
External SATA Port 4	[Disabled]
External SATA Port 5	[Disabled]

SATA Ports Hot

→+: Select Screen
 ↑↓: Select Item
 Enter: Select
 +/-: Change Option
 F1: General Help
 F2: Previous Value
 F9: Optimized Defaults
 F10: Save & Exit
 ESC: Exit

风扇温控



Pc Health Status

Smart Fan Function

[Enabled]

▶ Smart Fan Function

System temperature1

: +53 C

Fan1 Speed

: N/A

VIN0

: +0.996 V

AVCC

: +3.360 V

USB3

: +3.288 V

Smart

→+: Se

↑↓: Se

Enter:

+/-: C

F1: Ge

F2: Pr

F9: Op

F10: S

ESC: E

TV-D



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Chipset

► IDH Configuration

► QPI Configuration

Compatibility RID [Enabled]

Memory Configuration

Total Memory 65536 MB (DDR3)
Current Memory Mode Independent
Current Memory Speed 1600 MHz
Mirroring Not Possible
Sparing Supported
Memory Mode [Independent]
DRAM RAPL BWLIMIT [1]
Perfmon and DFX devices [HIDE]
DRAM RAPL MODE [Disabled]
DDR Speed [Auto]
Channel Interleaving [Auto]
Rank Interleaving [Auto]
Device Tagging [Disabled]
Altitude [300 M]
Serial Message Debug Level [Minimum]

▲ IOH

→←: S
↑↓: S
Enter
+/-:
F1: G
F2: P
F9: O
F10: S
ESC: E

► Intel(R) VT for Directed I/O Configuration

Intel(R) I/OAT	[Disabled]
DCA Support	[Enabled]
Gen3 Equalization WA's	[Disabled]
No Snoop Optimization	[VC1]

IOH 0 PCIe port Bifurcation Control

IOU1 - PCIe Port	[x4x4]
PORT 1A Link Speed	[GEN3]
PORT 1B Link Speed	[GEN3]
IOU2 - PCIe Port	[x16]
PCIEX16_1 Link Speed	[GEN3]
IOU3 - PCIe Port	[x16]
PCIEX16_2 Link Speed	[GEN3]

IOH 0 PCIe port Data Direct I/O Control

PORT 1A	[Enabled]
PORT 1B	[Enabled]
PORT 2A	[Enabled]
PORT 3A	[Enabled]

Intel(R)
Configura

→+: Select
↑↓: Select
Enter: Sele
+/-: Change
F1: General
F2: Previous
F9: Optimiz
F10: Save &
ESC: Exit

内存频率



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Chipset

▶ IOH Configuration

▶ QPI Configuration

Compatibility RID [Enabled]

Memory Configuration

Total Memory 65536 MB (DDR3)

Current Memory Mode Independent

Current Memory Speed 1600 MHz

Mirroring Not Possible

Sparing Supported

Memory Mode [Independent]

DRAM RAPL BWLIMIT [1]

Perfmon and DFX devices [HIDE]

DRAM RAPL MODE [Disabled]

DDR Speed [Auto]

Channel Interleaving [Auto]

Rank Interleaving [Auto]

Device Tagging [Disabled]

Altitude [300 M]

Serial Message Debug Level [Minimum]

IOH

→←: S

↑↓: S

Enter

+/-:

F1: G

F2: P

F9: O

F10: S

ESC: E

AC启动



PCH Information

Name

UnKnown

Stepping

UnKnown

Specify wh
when power
a power fa

SB Chipset Configuration

PCH Compatibility RID

[Disabled]

SMBus Controller

[Enabled]

SW SMI Timer

[Auto]

Restore AC Power Loss

Restore AC Power Loss

PCIE Wake Control

Power Off

SLP_S4 Assertion Stretch Enable

Power On

SLP_S4 Assertion Width

Last State

Onboard SATA RAID Opron/Driver

Audio Configuration

Azalia HD Audio

[Enabled]

Azalia internal HDMI codec

[Disabled]

High Precision Event Timer Configuration

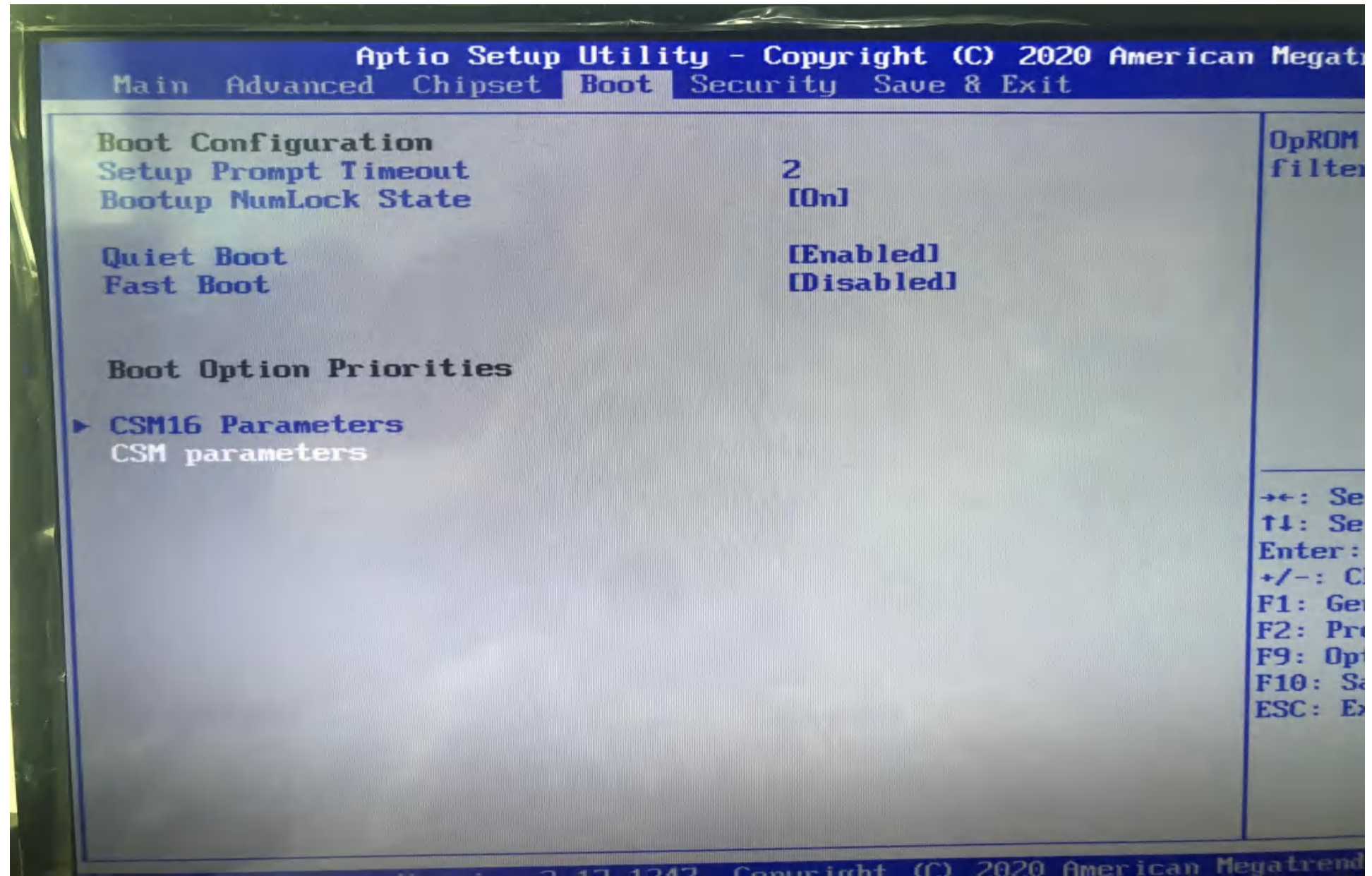
High Precision Timer

[Enabled]

► USB Configuration

←: Select Sc
4: Select It
Enter: Select
+/-: Change D
F1: General He
F2: Previous U
F9: Optimized
F10: Save & Ex
ESC: Exit

网卡启动



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Boot

Launch CSM	[Enabled]
Boot option filter	[UEFI and Legacy]
Launch PXE OpROM policy	[Do not launch]
Launch Storage OpROM policy	[Legacy only]
Launch Video OpROM policy	[Legacy only]
Other PCI device ROM priority	[UEFI OpROM]

Controls
and Legac

Launch PXE OpROM policy
Do not launch
UEFI only
Legacy only

: Select
: Select
ter: Sel
+/-: Chang
F1: Genera
F2: Previo
F9: Optimi
F10: Save
ESC: Exit

网络唤醒默认打开
没有开关选项