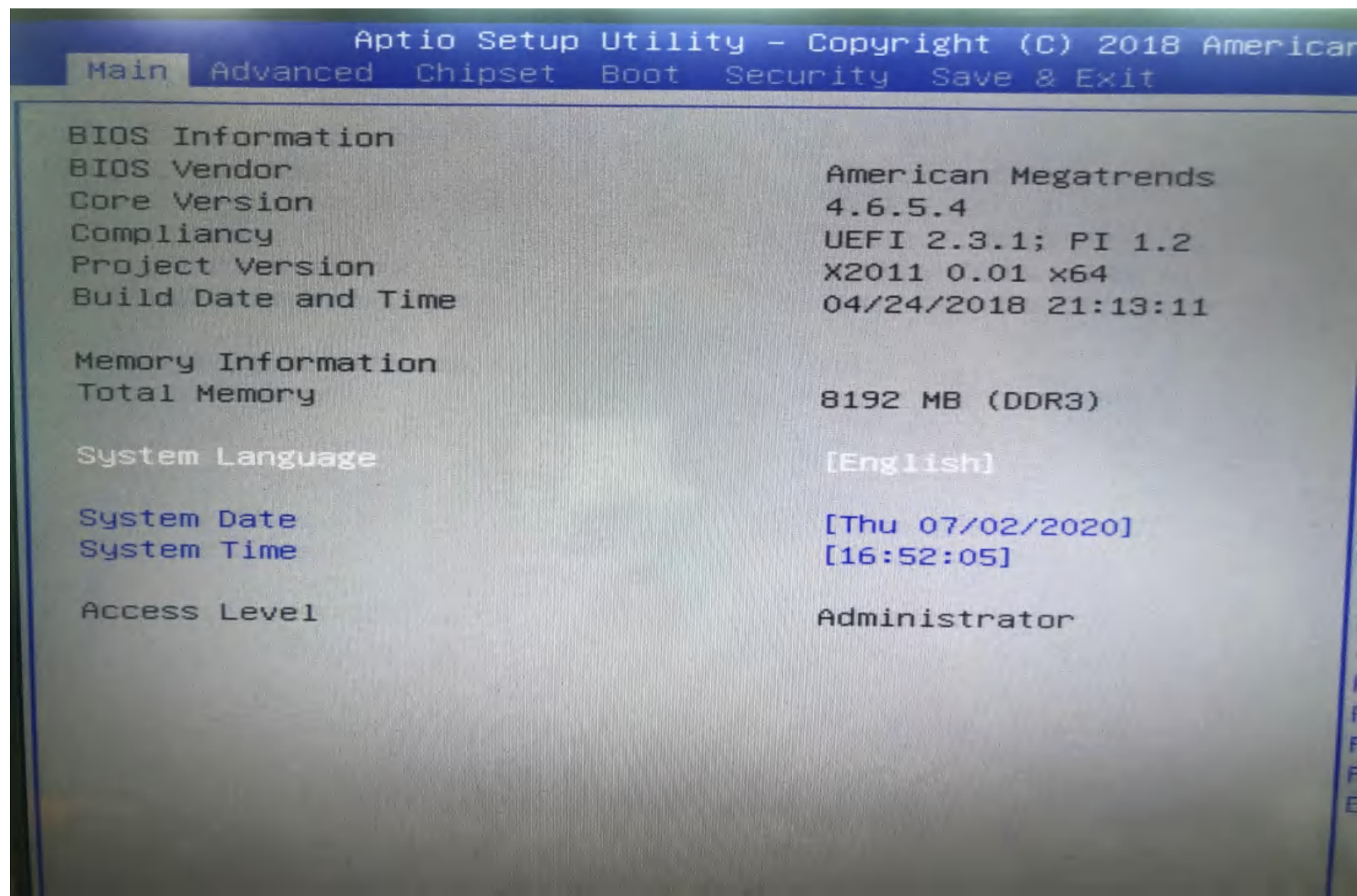
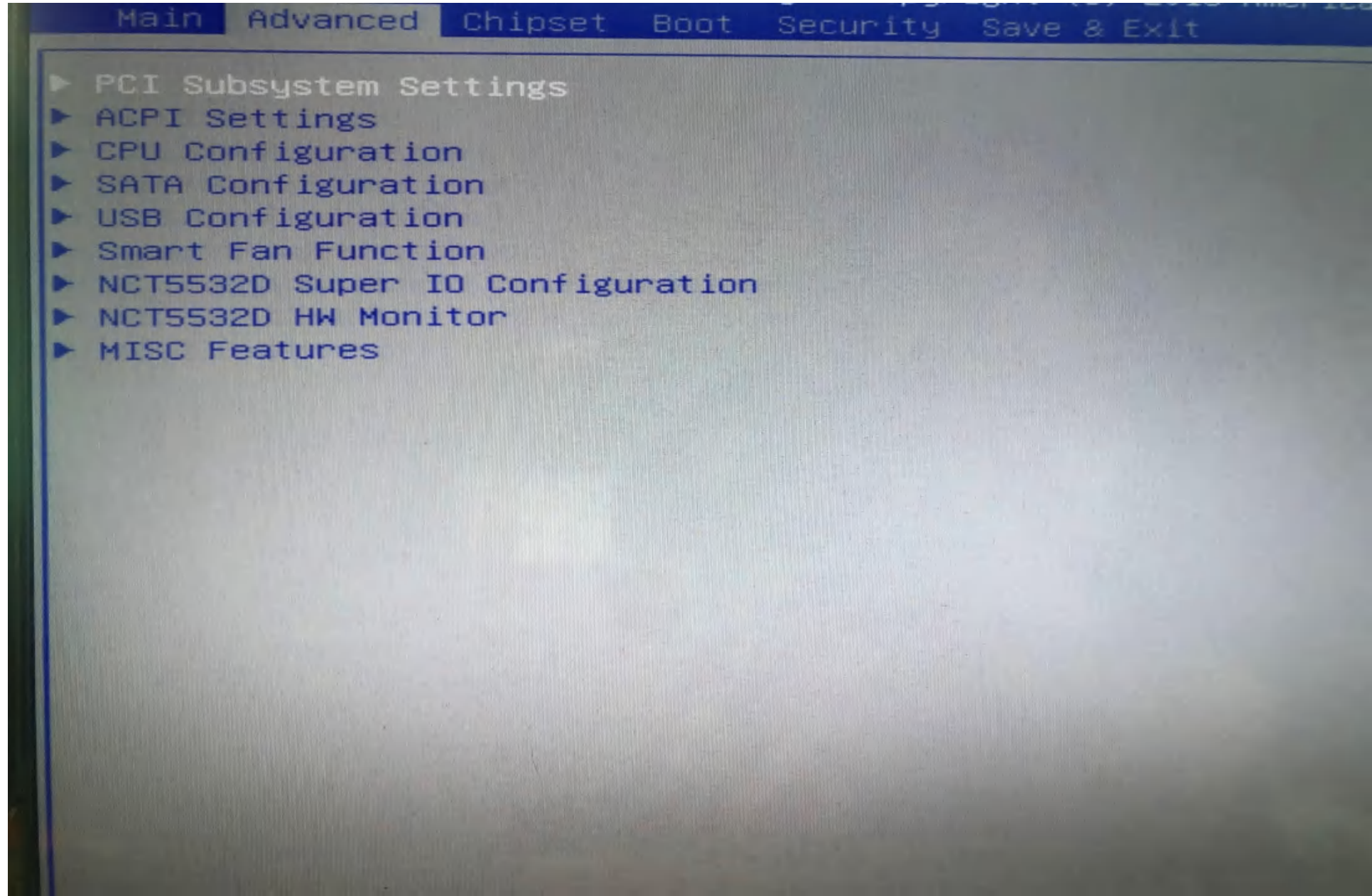


X79 PLUS



ABOVE 4G DECODING



Advanced

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 Cycles]

VGA Palette Snoop

[Disabled]

PERR# Generation

[Disabled]

SERR# Generation

Above 4G Decoding

Disabled

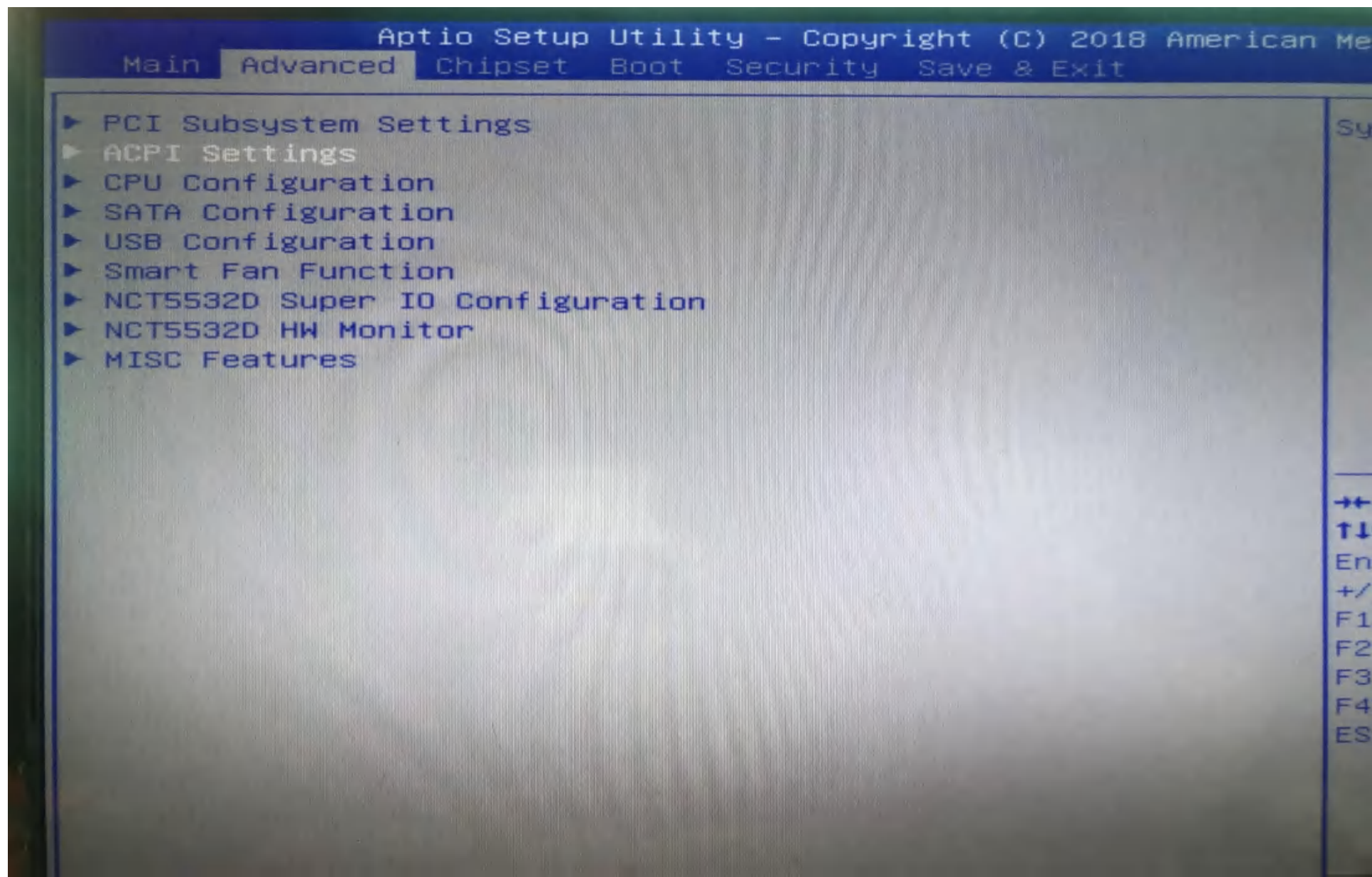
Enabled

► PCI Express Settings

► PCI Express GEN 2 Settings

Enabl
cap
in
(On
bit→+:
↑↓:
Ent
+/-
F1:
F2:
F3:
F4:
ESC

睡眠



Advanced

ACPI Settings

Enable ACPI Auto Configuration

[Disabled]

Enable Hibernation

[Enabled]

ACPI Sleep State

[S1 only(CPU Stop C1...)]

Lock Legacy Resources

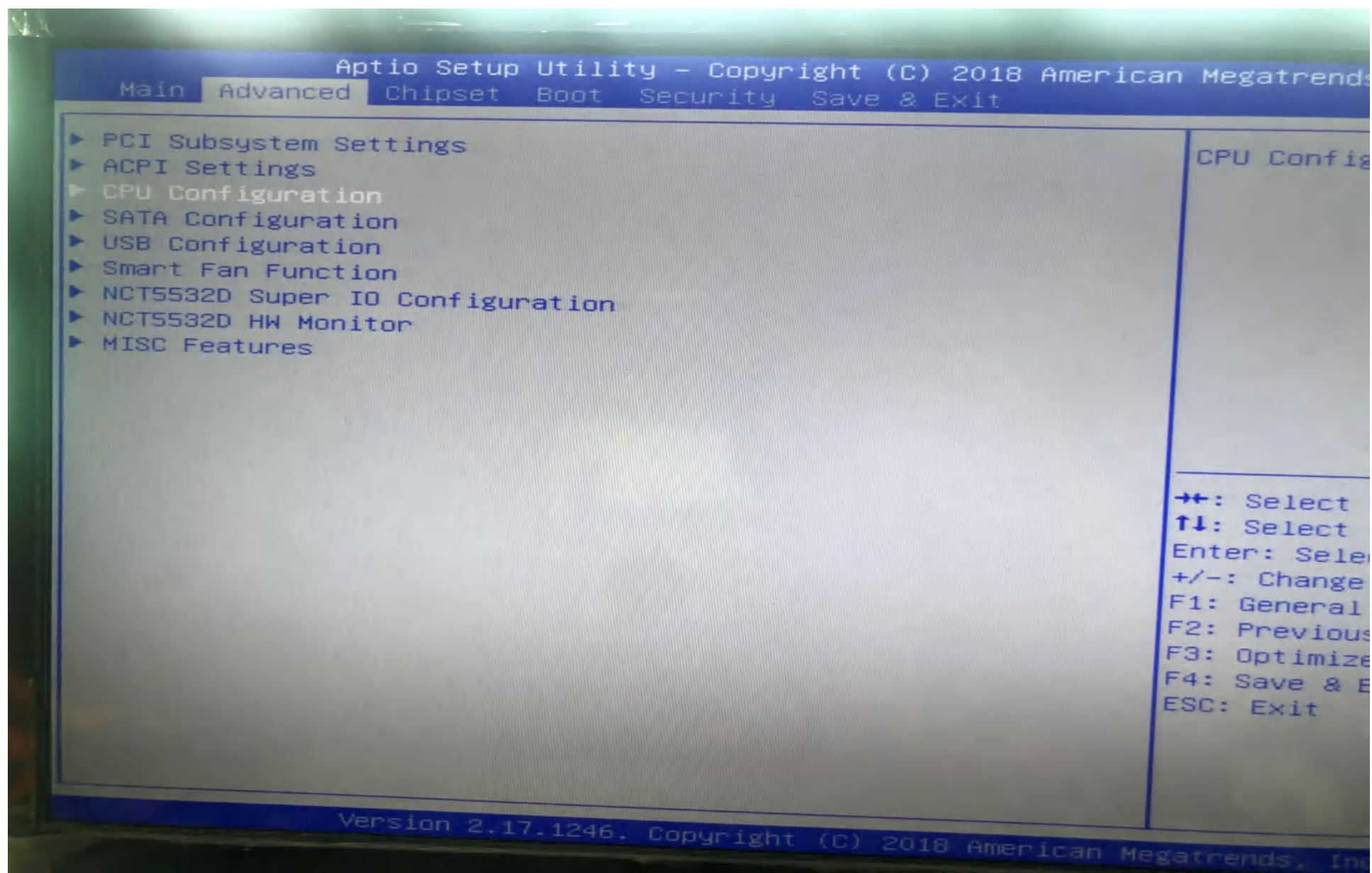
[Disabled]

S3 Video Repost

[Disabled]

Select
system
SUSPE→←: Se
↑↓: Se
Enter:
+/-: Ch
F1: Ger
F2: Pre
F3: Opt
F4: Sav
ESC: Ex

超线程, 关闭核心



Advanced

CPU Configuration

▶ Socket 0 CPU Information

CPU Speed
64-bit2700 MHz
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]

PPIN Support

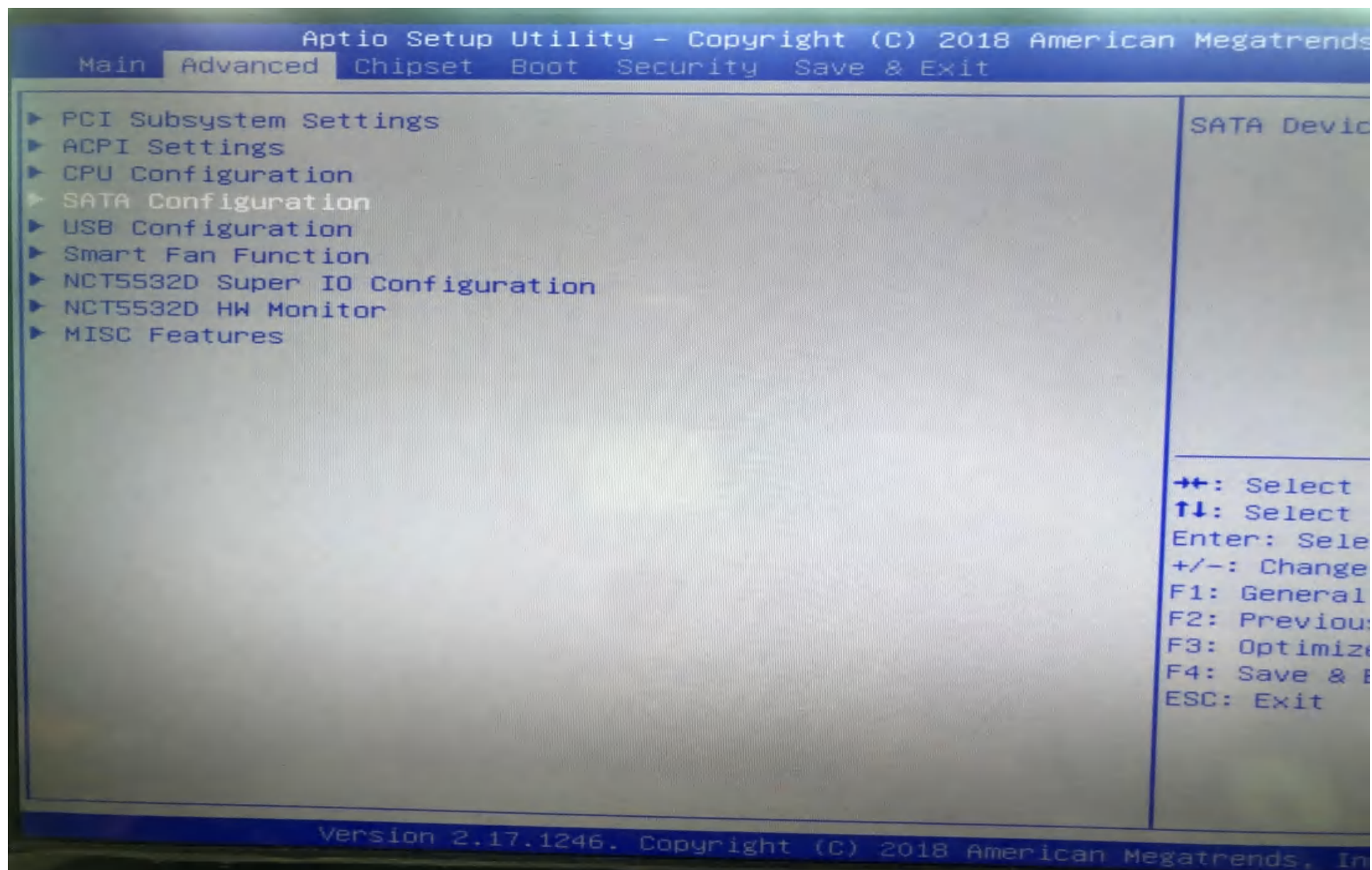
[Disabled]

▶ CPU Power Management Configuration

Enabled for
Linux (OS)
Hyper-Thread
and Disable
not optimiz
Hyper-Thread
When Disabl
per enabled

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

硬盘热拔插, RAID



Advanced

SATA Configuration

SATA Port0	Not Present
SATA Port1	BR 120G (120.0GB)
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]

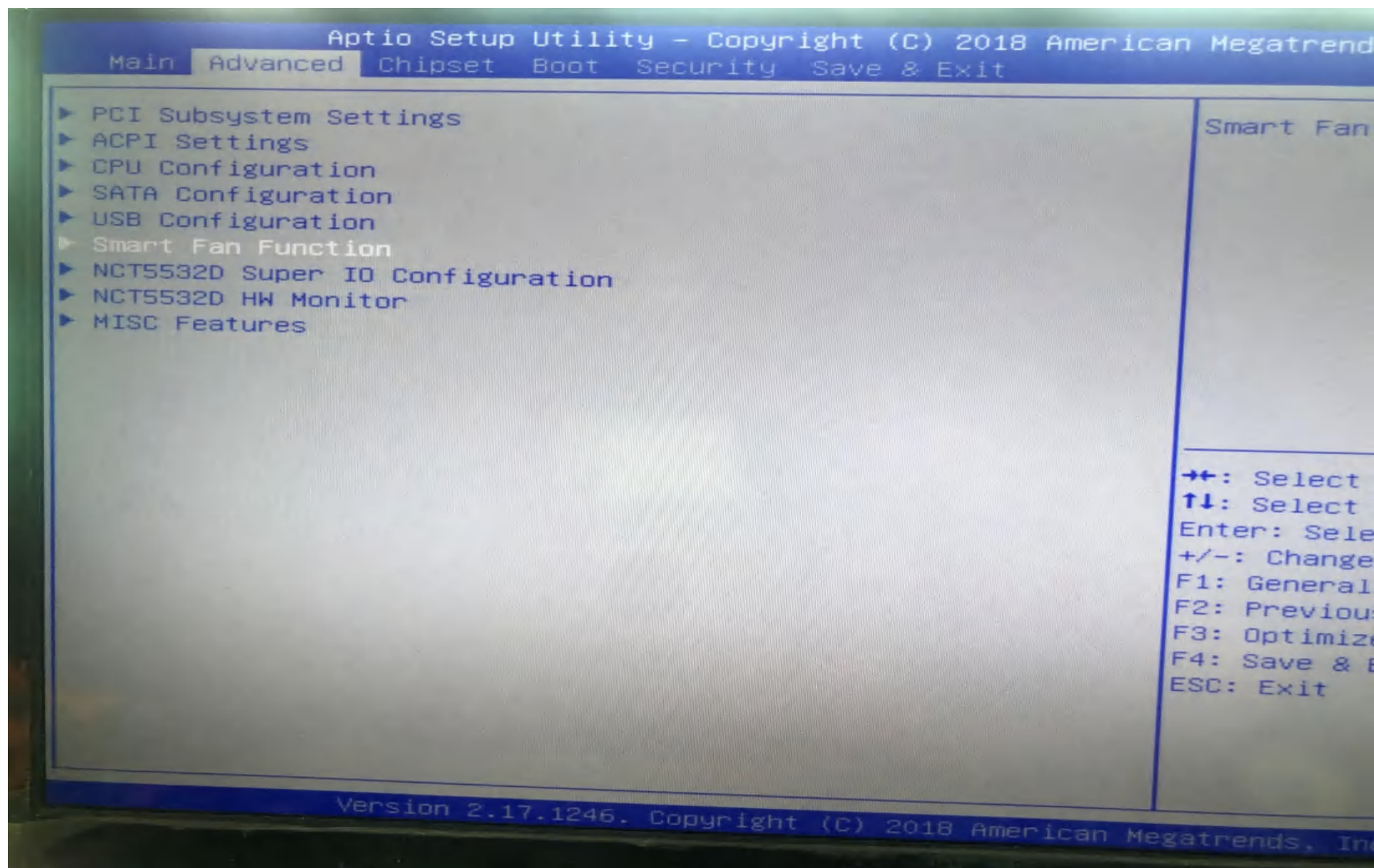
Port 0 Hot Plug	[Disabled]
Port 1 Hot Plug	[Disabled]
Port 2 Hot Plug	[Disabled]
Port 3 Hot Plug	[Disabled]
Port 4 Hot Plug	[Disabled]
Port 5 Hot Plug	[Disabled]

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

→←: Select
↑↓: Select
Enter: Select
+/-: Change
F1: General
F2: Previous
F3: Optimize
F4: Save & Exit
ESC: Exit

温控



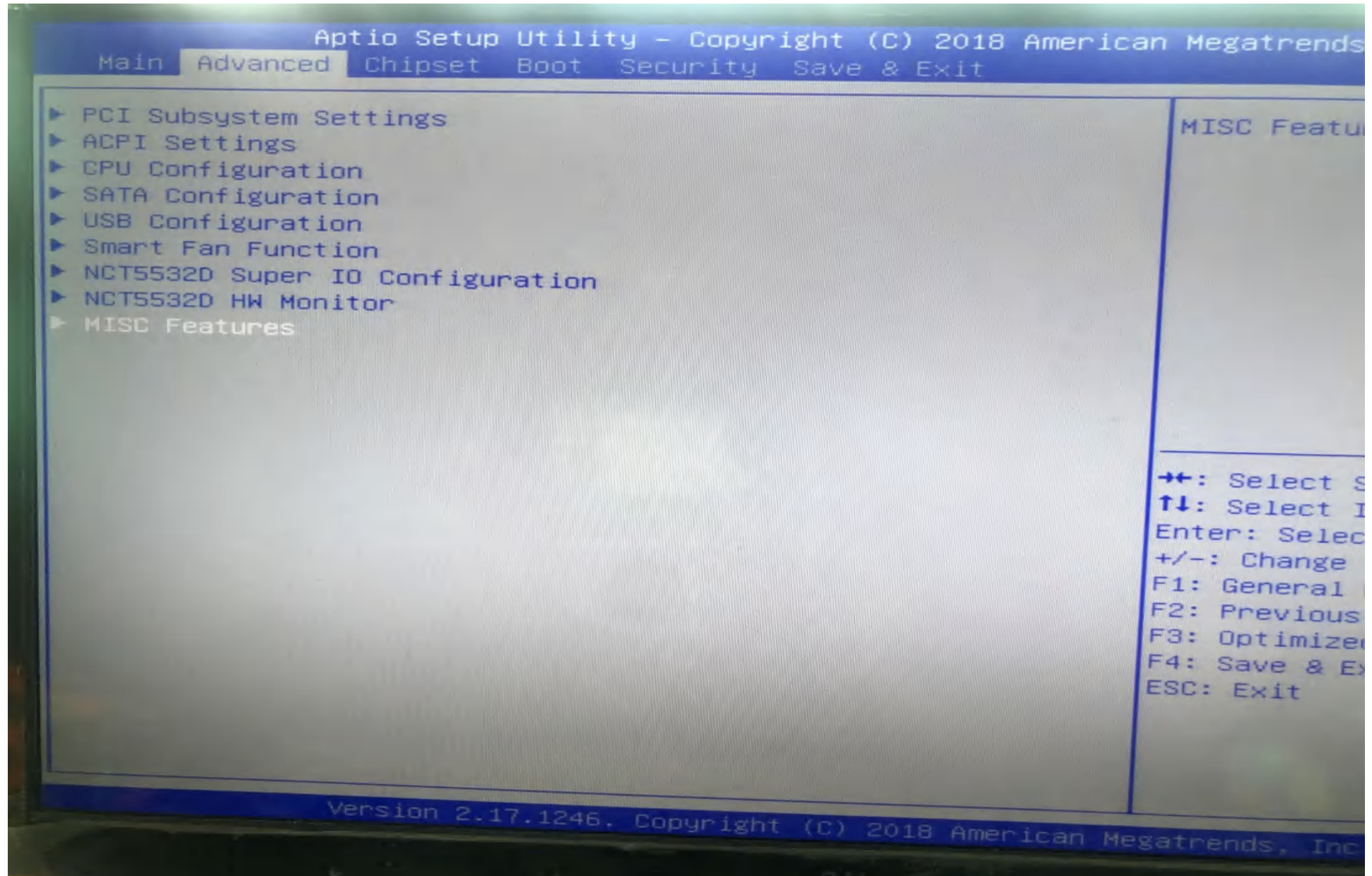
Advanced

Smart Fan 1 Mode	[Automatic Mode]
Smart Fan Temperature 1	15
Smart Fan Temperature 2	20
Smart Fan Temperature 3	25
Smart Fan Temperature 4	40
Smart Fan Critical Temperature	70
Smart Fan PWM 1	100
Smart Fan PWM 2	160
Smart Fan PWM 3	180
Smart Fan PWM 4	210
Fan work mode with critical Temperature Tolerance	[Full Mode] 3

Smart Fan

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

AC启动



Advanced

MISC Feature Settings

Onboard Lan

[Auto]

Azalia HD Audio

[Enabled]

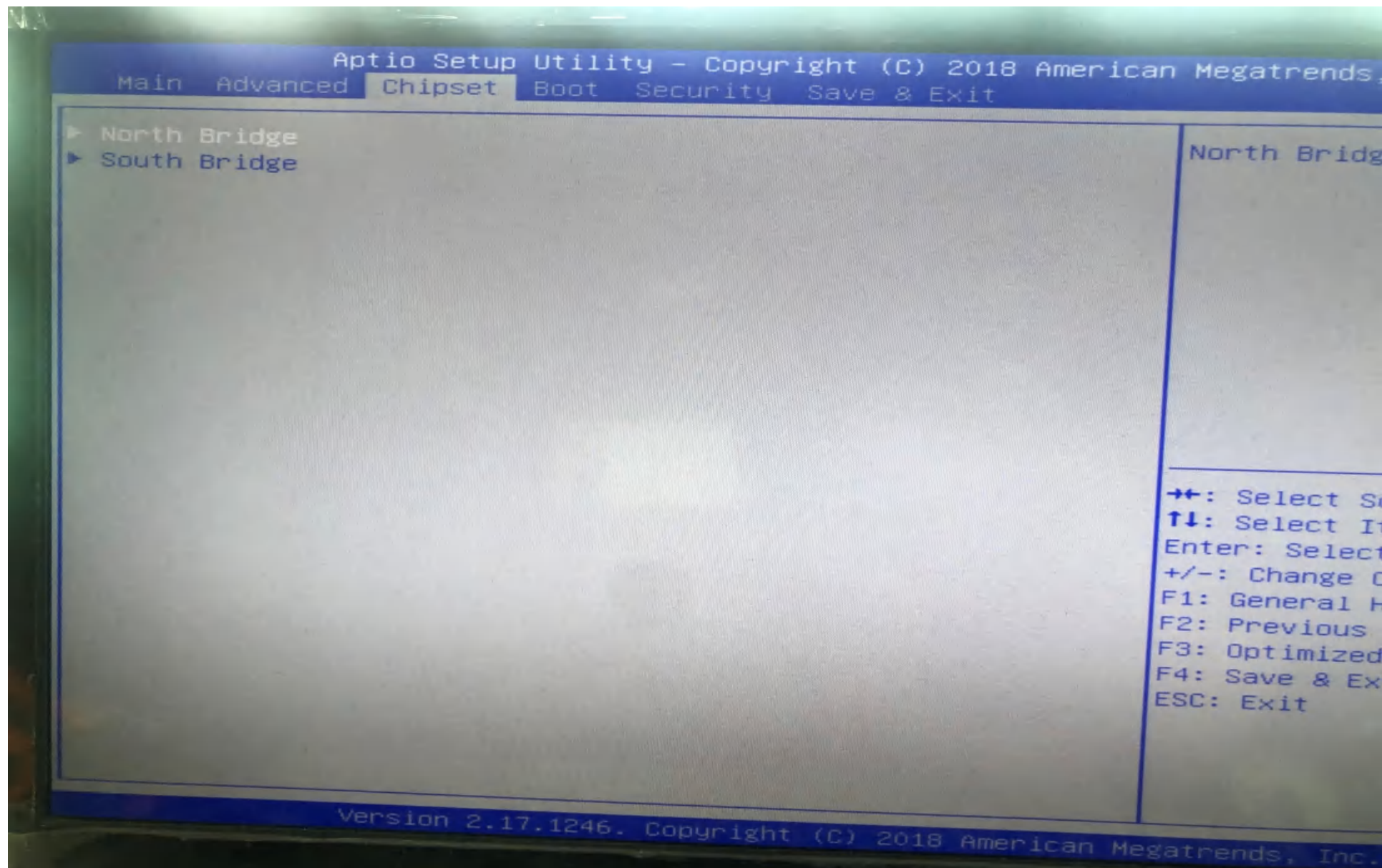
Power Loss

[Power Off]

Enabled/Disabled
Lan.

←→: Select Screen
↑↓: Select Item
Enter: Select Item
+/-: Change Value
F1: General Settings
F2: Previous Screen
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

VT-D,PCI-E拆分



► IOH Configuration

► QPI Configuration

Compatibility RID [Enabled]

Memory Configuration

Total Memory 8192 MB (DDR3)
Current Memory Mode Independent
Current Memory Speed 1333 MHz
Mirroring Not Possible
Sparing Not Possible
Memory Mode [Independent]
DRAM RAPL BWLIMIT [1]
Perfmon and DFX devices [HIDE]
DRAM RAPL MODE [DRAM RAPL MODE1]
Enforce POR [Auto]
Pdg Length [Short]
DDR Speed [Auto]
Channel Interleaving [Auto]
Rank Interleaving [Auto]
Patrol Scrub [Enabled]
Demand Scrub [Enabled]

IOH Configur

→←: Select Sc
↑↓: Select It
Enter: Select
+/-: Change O
F1: General H
F2: Previous
F3: Optimized
F4: Save & Ex.
ESC: Exit

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

Intel(R) I/OAT	[Disabled]
DCA Support	[Enabled]
VGA Priority	[Offboard]
TargetVGA	Vga From CPU 0
Gen3 Equalization WA's	[Enabled]
Gen3 Equalization Fail WA	[Disabled]
Gen3 Equalization Phase 2/3 WA	[Disabled]
Gen3 Equalization Redoing WA	[Disabled]
IOH Resource Selection Type	[Auto]
No Snoop Optimization	[VC1]
MMIOH Size	[64G]
MMCFG BASE	[0x80000000]

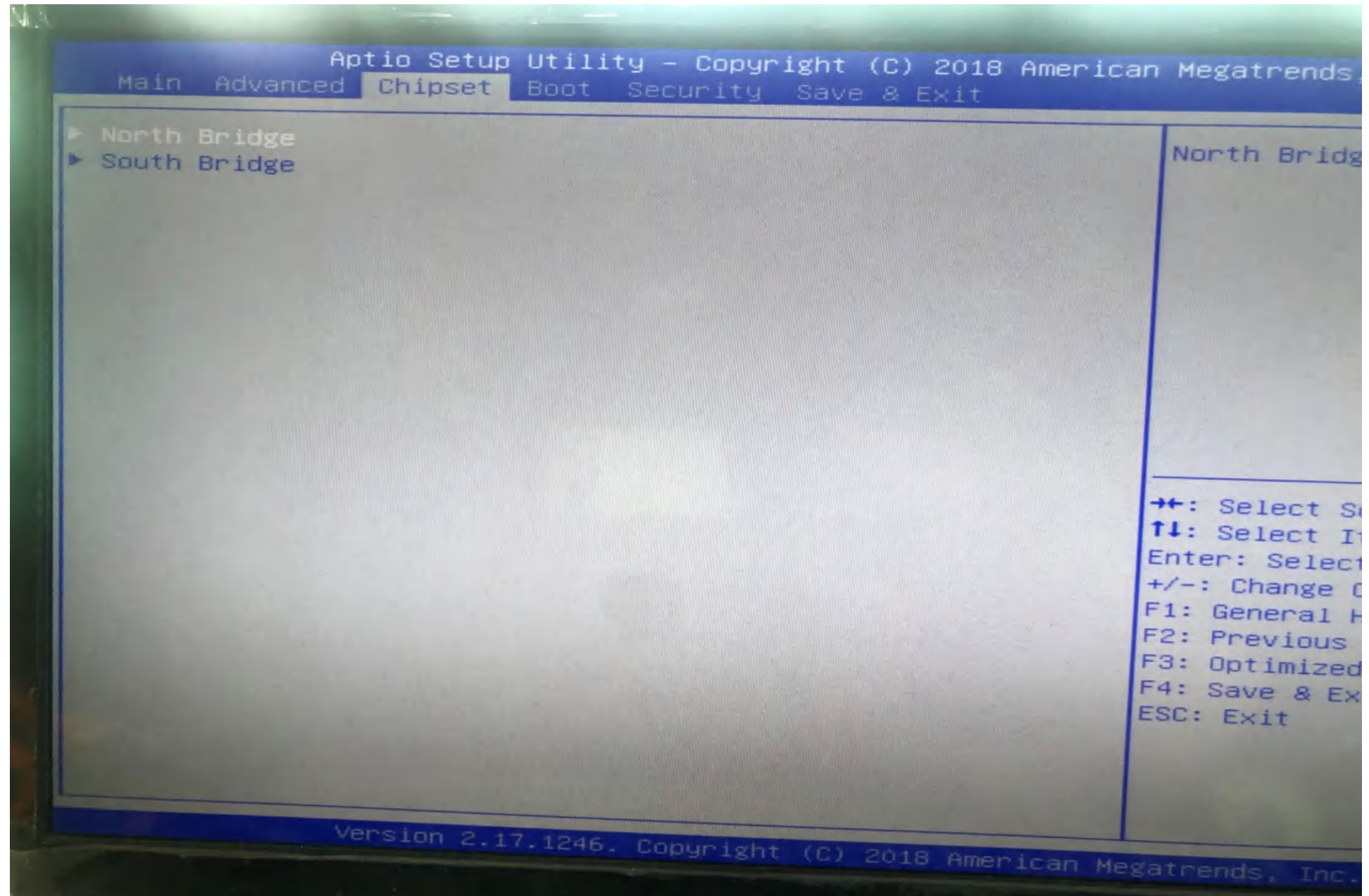
IOH 0 PCIe port Bifurcation Control

IOU1 - PCIe Port	[x4x4]
PORT 1A Link Speed	[GEN3]
PORT 1B Link Speed	[GEN3]
IOU2 - PCIe Port	[x16]
PORT 2A Link Speed	[GEN3]
IOU3 - PCIe Port	[x16]

Intel(R) VT
Configurat

→+: Select S
↑↓: Select I
Enter: Select
+/-: Change
F1: General H
F2: Previous
F3: Optimized
F4: Save & Ex
ESC: Exit

内存频率



► IOH Configuration

► QPI Configuration

Compatibility RID

[Enabled]

Memory Configuration

Total Memory

Current Memory Mode

Current Memory Speed

Mirroring

Sparing

Memory Mode

DRAM RAPL BWLIMIT

Perfmon and DFX devices

DRAM RAPL MODE

Enforce POR

Pdg Length

DDR Speed

Channel Interleaving

Rank Interleaving

Patrol Scrub

Demand Scrub

— DDR Speed —

Auto

Force DDR3 800

Force DDR3 1066

Force DDR3 1333

Force DDR3 1600

Force DDR3 1866

[H

[DRAM RAPL MODE1]

[Auto]

[Short]

[Auto]

[Auto]

[Auto]

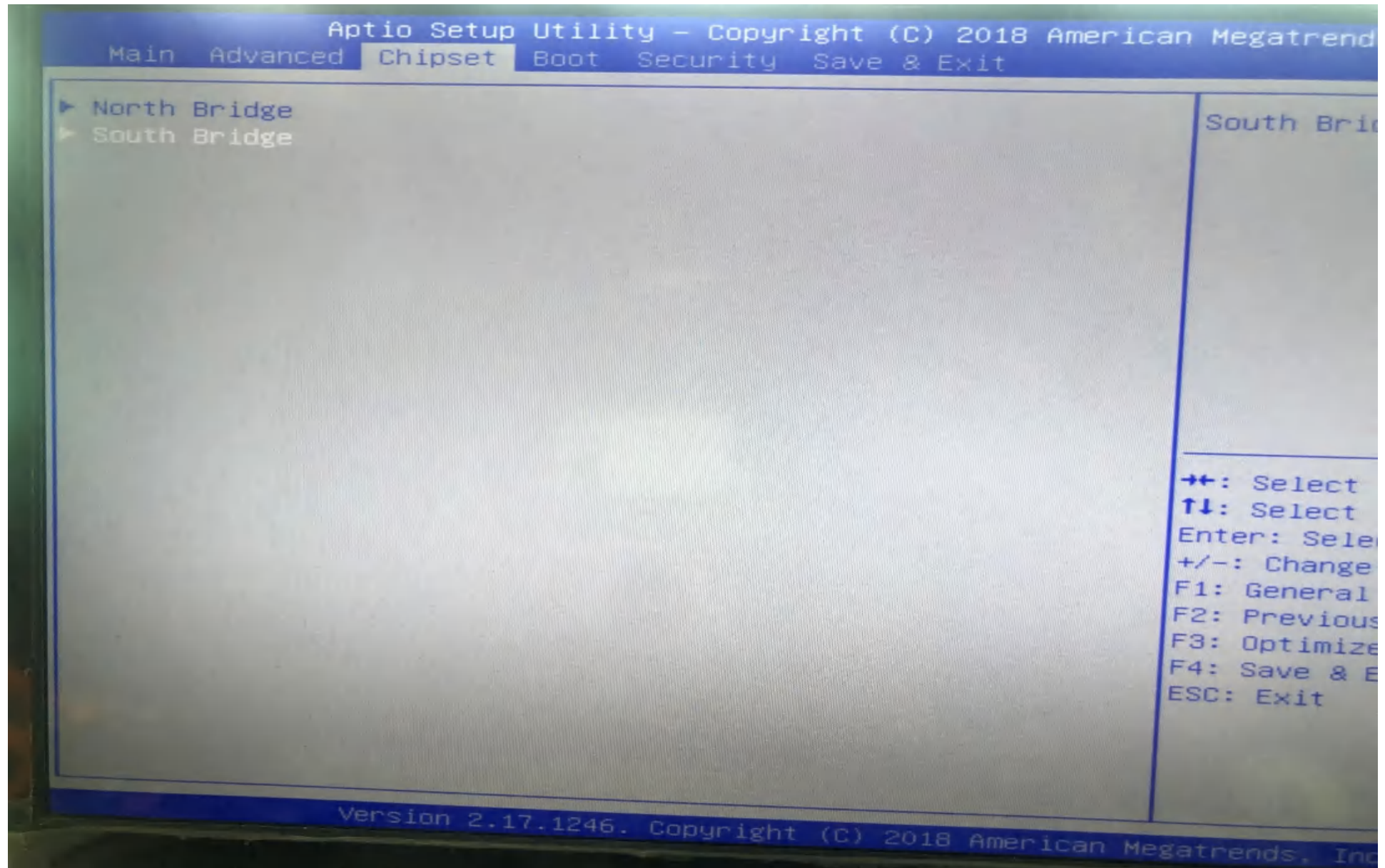
[Enabled]

[Enabled]

▲ Force DDR
follow POR
in the MRC
may become
memory does
specified f

↔: Select S
↑↓: Select I
Enter: Select
+/-: Change
F1: General
F2: Previous
F3: Optimized
F4: Save & E
ESC: Exit

网络唤醒



Chipset

PCH Information

Name Patsburg
Stepping 06 (C1 Stepping)

SB Chipset Configuration

PCH Compatibility RID [Disabled]
SMBus Controller [Enabled]
SW SMI Timer [Auto]
GbE Controller [Enabled]
Wake on Lan from S5
USB WakeOnDev insertion

Wake on Lan from S5
Disabled
Enabled

Restore AC Power Loss
SLP_S4 Assertion Stretch Enable
SLP_S4 Assertion Width [4-5 Seconds]
Deep Sx [Disabled]
Onboard SATA RAID Oprom/Driver [Enabled]

Audio Configuration

Azalia HD Audio [Enabled]
Azalia internal HDMI codec [Disabled]

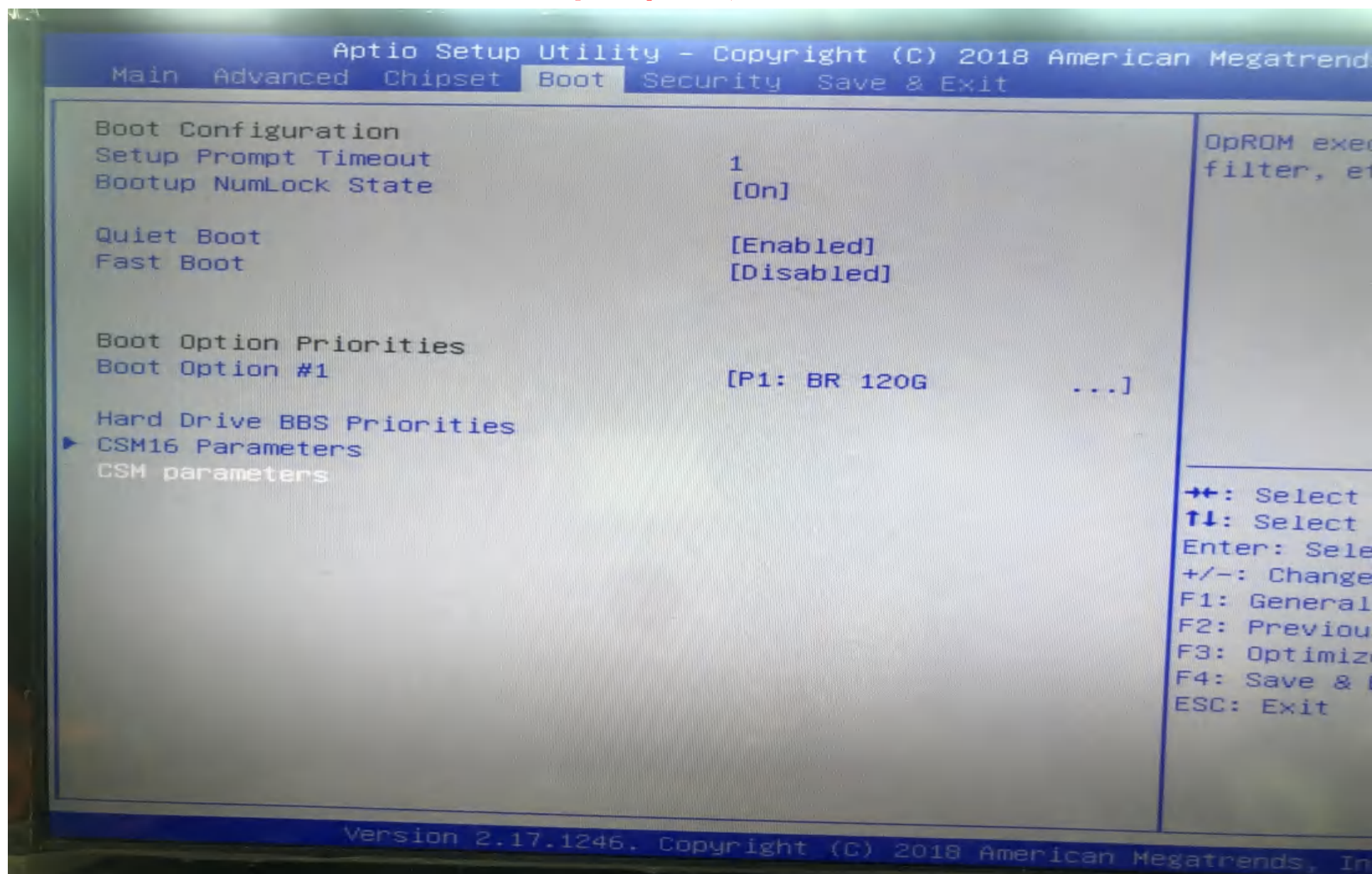
High Precision Event Timer Configuration

High Precision Timer [Enabled]

Enabled/Disabled
PME in S5.

→←: Select Screen
↑↓: Select Item
Enter: Select Item
+/-: Change Value
F1: General Help
F2: Previous Screen
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

网卡启动



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	[Legacy OpROM]

Controls t
and Legacy

Launch PXE OpROM policy
Do not launch
Legacy only

: Select
: Select
Enter: Sele
+/-: Change
F1: General
F2: Previous
F3: Optimiz
F4: Save & E
ESC: Exit