

Advanced

ACPI Configuration

Suspend Mode	[Enabled]
ACPI HPET Table	[Enabled]
PS/2 Keyboard Power On	[Disabled]
PCI Devices Power On	[Disabled]
RTC Alarm Power On	[By OS]
Ring-In Power On	[Disabled]

Select the highest ACPI sleep state the system will enter when the SUSPEND button is pressed.

↔: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
F1: General Help
F7: Discard Changes
F9: Load UEFI Defaults
F10: Save and Exit
ESC: Exit

Advanced

WHEA Support

[Disabled]

Enable or disable Windows
Hardware Error Architecture.

←→: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
F1: General Help
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Advanced

CPU Configuration

▶ CPU_BSP1 Information

▶ CPU_AP1 Information

CPU Speed

2800 MHz

64-bit

Supported

Intel Hyper Threading Technology

[Enabled]

Active Processor Cores

[All]

Limit CPUID Maximum

[Disabled]

No-Execute Memory Protection

[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 Windows XP and Linux (OS optimized for Hyper-Threading Technology) and Disabled for other OS (OS not optimized for Hyper-Threading Technology). When Disabled only one thread per enabled core is enabled.

↔: Select Screen

↑↓: Select Item

Enter: Select

+/-: Change Option

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CPU Power Management Configuration

Power Technology	[Energy Efficient]
Energy Performance	[Performance]
Factory long duration power limit	115 Watts
Long duration power limit	0
Factory long duration maintained	10 s
Long duration maintained	0
Recommended short duration power 1	1.2 * Long Duration
Short duration power limit	0

Enable the power management features.

↔: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
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Advanced

- ▶ IOH Configuration
- ▶ QPI Configuration
- ▶ Memory Configuration

Above 4G Decoding [Auto]

IOH Configuration Page

↔: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
F1: General Help
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Advanced

Intel(R) VT-d	[Disabled]
Intel(R) I/OAT	[Enabled]
Primary Graphics Adapter	[PCI Express]
OnBoard VGA	[Disabled]

PCIE 1 Link Speed	[GEN3]
PCIE 3 Link Speed	[GEN3]
PCIE 4 & PCIE 5 Link Speed	[GEN3]
PCIE 6 Link Speed	[GEN3]
PCIE 7 Link Speed	[GEN3]

Enable/Disable Intel(R)
Virtualization Technology for
Directed I/O.

↔: Select Screen
↑↓: Select Item
Enter: Select
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Current QPI Link Speed	Fast
Current QPI Link Freq	8.0 GT/s
Isoc	[Enabled]
QPI Link Speed Mode	[Fast]
QPI Link Frequency Select	[Auto]
Snoop Mode	[Auto]

Enbale /Disable Isoc

↔: Select Screen
↑↓: Select Item
Enter: Select
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Memory Configuration

Total Memory	65536 MB (DDR3)
Current Memory Mode	Independent
Current Memory Speed	1333 MHz
Mirroring	Supported
Sparing	Not Possible
Memory Mode	[Independent]
ECC Support	[Auto]
DRAM RAPL BWLIMIT	[1]
Perfmon and DFX devices	[HIDE]
DRAM RAPL MODE	[Disabled]
Numa	[Disabled]
MPST Support	[Disabled]
DRAM Frequency	[Auto]
Channel Interleaving	[Auto]
Rank Interleaving	[Auto]
Patrol Scrub	[Enabled]
Demand Scrub	[Disabled]
Data Scrambling	[Disabled]
Thermal Throttling	[CLTT]

Select the mode for memory initialization.

↔: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
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► DIMM Information

Advanced

Restore on AC/Power Loss	[Power Off]
Deep sleep	[Disabled]
Onboard LAN 1	[Enabled]
Onboard LAN 2	[Enabled]
Onboard Debug Port LED	[Off]

Specify what state to go to when power is re-applied after a power failure (G3 state).

←→: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
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Advanced

USB 2.0 Controller	[Enabled]
Legacy USB Support	[Enabled]

To enable or disable USB 2.0 Controller.

↔: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
F1: General Help
F7: Discard Changes
F9: Load UEFI Defaults
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Advanced

Spread Spectrum

[Disabled]

Config the feature of spread spectrum.

↔: Select Screen

↑↓: Select Item

Enter: Select

+/-: Change Option

F1: General Help

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Advanced

SATA Mode Selection	[AHCI Mode]
SATA Aggressive Link Power Mgmt	[Disabled]
Hard Disk S.M.A.R.T	[Enabled]
Marvell 9230 SATA3_M0~M3 Operation	[Enabled]
Bootable Marvell SATA3 Controller	[None]
SCU devices	[Disabled]

▶ SATAIII_0 : Not Detected
▶ SATAIII_1 : Samsung SSD 850 EVO 500GB
▶ SATAII_2 : ST31000524AS
▶ SATAII_3 : SAMSUNG HD103SJ
▶ SATAII_4 : Not Detected
▶ SATAII_5 : HL-DT-ST BD-RE WH16NS40
▶ SATAIII_M0_M1_M2_M3

(1) IDE Mode. (2) AHCI Mode.
(3) RAID Mode.
Press <Ctrl - I> to enter RAID
ROM during UEFI POST process.

↔: Select Screen
↑↓: Select Item
Enter: Select
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SATAIII_0 Hot Plug

[Disabled]

SATA Ports Hot Plug Support

↔: Select Screen

↑↓: Select Item

Enter: Select

+/-: Change Option

F1: General Help

F7: Discard Changes

F9: Load UEFI Defaults

F10: Save and Exit

ESC: Exit

Advanced

Serial Port 1 Configuration

Serial Port

[Disabled]

Enable or Disable Serial Port
(COM)

←→: Select Screen

↑↓: Select Item

Enter: Select

+/-: Change Option

F1: General Help

F7: Discard Changes

F9: Load UEFI Defaults

F10: Save and Exit

ESC: Exit

Advanced

Serial Port 2 Configuration

Serial Port [Disabled]

Enable or Disable Serial Port
(COM)

↔: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
F1: General Help
F7: Discard Changes
F9: Load UEFI Defaults
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Advanced

Voltage Control

DRAM 1 Voltage	1.500V	[Auto]
DRAM 2 Voltage	1.500V	[Auto]
PLL 1 Voltage	1.810V	[Auto]
PLL 2 Voltage	1.810V	[Auto]
VTT 1 Voltage	1.050V	[Auto]
VTT 2 Voltage	1.050V	[Auto]
PCH Voltage	1.100V	[Auto]

DRAM Voltage Configuration.

↔: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Option
F1: General Help
F7: Discard Changes
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