

BIOS Information

BIOS Vendor American Megatrends  
Core Version 5.010  
Compliance UEFI 2.4; PI 1.3  
Project Version GBDW1 2.05 x64  
Build Date and Time 09/14/2016 11:33:11

Processor Information

Name Broadwell ULT  
Brand String Intel(R) Core(TM)  
i7-5500U CPU @ 2.40GHz  
Frequency 2400 MHz  
Processor ID 306d4  
Stepping F  
Number of Processors 2Core(s) / 2Thread(s)  
Microcode Revision 16  
GT Info GT2 (600 MHz)

IGFX VBIOS Version 1036  
Memory RC Version 2.5.0.3  
Total Memory 8192 MB (DDR3)  
Memory Frequency 1600 Mhz

PCH Information

Name WildcatPoint-LP

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

Memory RC Version	2.5.0.3
Total Memory	8192 MB (DDR3)
Memory Frequency	1600 Mhz
PCH Information	
Name	WildcatPoint-LP
PCH SKU	Premium SKU(BDW-U)
Stepping	03/B2
LAN PHY Revision	N/A
ME FW Version	N/A
ME Firmware SKU	N/A
SPI Clock Frequency	
DOFR Support	Supported
Read Status Clock Frequency	50 MHz
Write Status Clock Frequency	50 MHz
Fast Read Status Clock Frequency	50 MHz
System Language	[English]
System Date	[Sun 02/14/2021]
System Time	[ 13:48]
Access Level	Administrator

▲ Set the Time. Use Tab to switch between Time elements.

++: Select Screen  
 ↓: Select Item  
 Enter: Select  
 +/-: Change Opt.  
 F1: General Help  
 F2: Previous Values  
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 ESC: Exit

- ▶ CPU Configuration
- ▶ ACPI Settings
- ▶ Lan PXE Config
- ▶ PCH-FW Configuration
- ▶ Intel(R) Anti-Theft Technology Configuration
- ▶ AMT Configuration
- ▶ Acoustic Management Configuration
- ▶ SMART Settings
- ▶ IT8783 Super IO Configuration
- ▶ Intel(R) Bios Guard Technology
- ▶ Intel TXT Information
- ▶ Platform Misc Configuration
- ▶ Intel RC Drivers Version Detail
- ▶ SATA Configuration
- ▶ Thermal Configuration
- ▶ Intel(R) Smart Connect Technology
- ▶ Network Stack Configuration
- ▶ CSM Configuration
- ▶ USB Configuration
  
- ▶ Intel(R) 82574L Gigabit Network Connection -  
00:EB:4C:68:FC:5B
- ▶ Intel(R) 82574L Gigabit Network Connection -  
00:EB:4C:68:FC:5C
- ▶ Driver Health

CPU Configuration Parameters

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

Advanced

CPU Configuration

Intel(R) Core(TM) i7-5500U CPU @ 2.40GHz  
CPU Signature 306d4  
Microcode Patch 16  
Max CPU Speed 2400 MHz  
Min CPU Speed 500 MHz  
CPU Speed 2400 MHz  
Processor Cores 2  
Intel HT Technology Not Supported  
Intel VT-x Technology Supported  
Intel SMX Technology Not Supported  
64-bit Supported  
EIST Technology Supported  
CPU C3 state Supported  
CPU C6 state Supported  
CPU C7 state Supported  
  
L1 Data Cache 32 kB x 2  
L1 Code Cache 32 kB x 2  
L2 Cache 256 kB x 2  
L3 Cache 4 MB  
L4 Cache Not Present  
  
Hyper-Threading Disabled

▲ 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 Opt.  
F1: General Help  
F2: Previous Values  
F9: Optimized Defaults  
F10: Save & Exit  
ESC: Exit

Advanced

L4 Cache	Not Present
Hyper-threading	[Disabled]
Active Processor Cores	[All]
Overclocking lock	[Disabled]
Limit CPUID Maximum	[Disabled]
Execute Disable Bit	[Enabled]
Intel Virtualization Technology	[Disabled]
Hardware Prefetcher	[Enabled]
Adjacent Cache Line Prefetch	[Enabled]
CPU AES	[Disabled]
Boot performance mode	[Max Non-Turbo Performance]
EIST	[Disabled]
VR Current value lock	[Enabled]
VR Current value	0
CPU C states	[Disabled]
ACPI CTDP BIOS	[TDP NOMINAL]
Configurable TDP	[Disabled]
Config TDP LOCK	0
TCC Activation Offset	[Disabled]
ACPI T State	[Disabled]
CPU DTS	0
IDOUT OFFSET Sign	0
IDOUT OFFSET	0

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 Opt.  
 F1: General Help  
 F2: Previous Values  
 F9: Optimized Defaults  
 F10: Save & Exit  
 ESC: Exit

Active Processor Cores	[All]
Overclocking lock	[Disabled]
Limit CPUID Maximum	[Disabled]
Execute Disable Bit	[Enabled]
Intel Virtualization Technology	[Disabled]
Hardware Prefetcher	[Enabled]
Adjacent Cache Line Prefetch	[Enabled]
CPU AES	[Disabled]
Boot performance mode	[Max Non-Turbo Performance]
EIST	[Disabled]
VR Current value lock	[Enabled]
VR Current value	0
CPU C states	[Disabled]
ACPI CTPD BIOS	[Disabled]
Configurable TDP	[TDP NOMINAL]
Config TDP LOCK	[Disabled]
TCC Activation Offset	0
ACPI T State	[Disabled]
CPU DTS	[Disabled]
IOUT OFFSET Sign	0
IOUT OFFSET	0
IOUT SLOPE	512
Debug Interface	[Disabled]
Debug Interface Lock	[Disabled]

▲ Lock Cpu debug feature setting.

- 
- ←→: Select Screen
  - ↑↓: Select Item
  - Enter: Select
  - +/-: Change Opt.
  - F1: General Help
  - F2: Previous Values
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  - F10: Save & Exit
  - ESC: Exit



Advanced

ACPI Settings

Enable ACPI Auto Configuration	[Disabled]
Enable Hibernation	[Disabled]
ACPI Sleep State	[Suspend Disabled]
Lock Legacy Resources	[Disabled]
S3 Video Repost	[Disabled]
ACPI Low Power S0 Idle	[Disabled]

Enables or Disables BIOS ACPI Auto Configuration.

---

→: Select Screen  
↑↓: Select Item  
Enter: Select  
+/-: Change Opt.  
F1: General Help  
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ESC: Exit

Advanced

PXE Boot

[Disabled]

Enable or Disable

- ←→: Select Screen
- ↑↓: Select Item
- Enter: Select
- +/-: Change Opt.
- F1: General Help
- F2: Previous Values
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- F10: Save & Exit
- ESC: Exit



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Advanced

ME FW Version	N/A
ME Firmware Mode	Normal Mode
ME Firmware Type	Full Sku Firmware
ME Firmware SKU	N/A
PTT Capability / State	N/A
NFC Support	N/A
NFC DFU GPIO Support	[Disabled]
ME Unconfig on RTC Clear State	[Disabled]
fTPM Switch Selection	[GPDMA Work-Around]
TPM Device Selection	[dTPM 1.2]
► Firmware Update Configuration	

Enable/Disable NFC Runtime Status.

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

Advanced

Intel(R) Anti-Theft Technology Configuration

Intel(R) Anti-Theft Technology [Disabled]  
Enter Intel(R) AT Suspend Mode [Disabled]

Enable/Disable Intel(R) AT in BIOS for testing only.

←→: Select Screen  
↑↓: Select Item  
Enter: Select  
+/-: Change Opt.  
F1: General Help  
F2: Previous Values  
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F10: Save & Exit  
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Intel AMT	[Disabled]	Enable/Disable Intel (R) Active Management Technology BIOS Extension.
BIOS Hotkey Pressed	[Disabled]	Note : iAMT H/W is always enabled.
MEBx Selection Screen	[Disabled]	This option just controls the BIOS extension execution.
Hide Un-Configure ME Confirmation Prompt	[Disabled]	If enabled, this requires additional firmware in the SPI device
MEBx Debug Message Output	[Disabled]	
Un-Configure ME	[Disabled]	
Amt Wait Timer	0	
Disable ME	[Disabled]	
ASF	[Enabled]	
Activate Remote Assistance Process	[Disabled]	
USB Configure	[Enabled]	
PET Progress	[Enabled]	
AMT CIRA Timeout	0	
WatchDog	[Disabled]	
OS Timer	0	
BIOS Timer	0	

←→: Select Screen  
↑↓: Select Item  
Enter: Select  
+/-: Change Opt.  
F1: General Help  
F2: Previous Values  
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Advanced

Acoustic Management Configuration

Option to Enable or Disable Automatic Acoustic Management

Automatic Acoustic Management [Disabled]

Sata Port 0

Samsung SSD 860 EVO mSATA 250GB

Acoustic Mode [Not Available]

Sata Port 1

Samsung SSD 860 EVO 250GB

Acoustic Mode [Not Available]

++: Select Screen  
↑↓: Select Item  
Enter: Select  
+/-: Change Opt.  
F1: General Help  
F2: Previous Values  
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F10: Save & Exit  
ESC: Exit

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Advanced

SMART Settings

SMART Self Test

[Disabled]

Run SMART Self Test on all  
HDDs during POST.

←→: Select Screen

↑↓: Select Item

Enter: Select

+/-: Change Opt.

F1: General Help

F2: Previous Values

F9: Optimized Defaults

F10: Save & Exit

ESC: Exit

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Advanced

Serial Port 1 Configuration

Serial Port6SIO200

[Disabled]

Enable or Disable Serial Port  
(COM)

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

Advanced

Intel Bios Guard Support

[Disabled]

Enable/Disable Intel Bios  
Guard Support

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

Advanced

Intel TXT Information

Chipset	Production Fused
BiosAcm	Production Fused
Chipset Txt	Not Supported
Cpu Txt	Not Supported
Error Code	None
Class Code	None
Major Code	None
Minor Code	None

←→: Select Screen  
↑↓: Select Item  
Enter: Select  
+/-: Change Opt.  
F1: General Help  
F2: Previous Values  
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F10: Save & Exit  
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Advanced

Platform Misc Configuration

Native PCIE Enable	[Disabled]
ACPI Debug	[Disabled]
PTID Support	[Disabled]
PECI Access Method	[ACPI]
Zp0DD Support	[Disabled]
Enable 3D Camera DFU device	[Disabled]
ACPI 5.0 CPPC Support	[Disabled]
Sensor Hub Type	[None]

PCI Express Native Support  
Enable/Disable. This feature  
is only available in Vista.

- ▶ RTD3 settings
- ▶ DPTF Configuration
- ▶ Power Sharing manager Configuration
- ▶ Wireless device

++: Select Screen  
↑↓: Select Item  
Enter: Select  
+/-: Change Opt.  
F1: General Help  
F2: Previous Values  
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F10: Save & Exit  
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Advanced

RTD3 settings

RTD3 Support

[Disabled]

RTD3 SSDT table will be loaded  
if enabled.

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

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Advanced

DPTF Configuration

DPTF

[Disabled]

Enable/Disable Intel Dynamic Platform Thermal Framework

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

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Power Sharing Manager Configuration

Configure the PSM ACPI objects.

Power Sharing Manager [Disabled]

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

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DELL

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Advanced

Wireless device

Wireless device

[Disabled]

Configure ACPI objects for wireless devices.

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

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DELL

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Advanced

Intel CPU RC Version	2.5.0.0
Intel SA RC Version	2.5.0.0
Intel PCH RC Version	2.5.0.0
Intel ACPI RC Version	2.5.0.0
Intel ME RC Version	N/A

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

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Advanced

SATA Controller(s)	[Enabled]	▲ Enable or disable SATA Device.
SATA Mode Selection	[AHCI]	
SATA Test Mode	[Disabled]	
Aggressive LPM Support	[Enabled]	
SATA Controller Speed	[Gen3]	
▶ Software Feature Mask Configuration		
Serial ATA Port 0	Samsung SSD 86 (250.0GB)	
Software Preserve	SUPPORTED	
Port 0	[Enabled]	
Hot Plug	[Disabled]	
External SATA	[Disabled]	
SATA Device Type	[Solid State Drive]	
Spin Up Device	[Disabled]	++: Select Screen
Device Sleep	[Disabled]	↑↓: Select Item
SATA DEVSLEP Idle Timeout Config	[Disabled]	Enter: Select
Serial ATA Port 1	Samsung SSD 86 (250.0GB)	+/-: Change Opt.
Software Preserve	SUPPORTED	F1: General Help
Port 1	[Enabled]	F2: Previous Values
Hot Plug	[Disabled]	F9: Optimized Defaults
External SATA	[Disabled]	F10: Save & Exit
SATA Device Type	[Solid State Drive]	ESC: Exit
Spin Up Device	[Disabled]	
Device Sleep	[Disabled]	
SATA DEVSLEP Idle Timeout Config	[Disabled]	

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Advanced

Port 1	[Enabled]	▲ Enable/Disable SATA DTIO Config
Hot Plug	[Disabled]	
External SATA	[Disabled]	
SATA Device Type	[Solid State Drive]	
Spin Up Device	[Disabled]	
Device Sleep	[Disabled]	
SATA DEVSLEP Idle Timeout Config	[Disabled]	
Serial ATA Port 2	Empty	
Software Preserve	Unknown	
Port 2	[Enabled]	
Hot Plug	[Disabled]	
External SATA	[Disabled]	
SATA Device Type	[Hard Disk Drive]	
Spin Up Device	[Disabled]	
Device Sleep	[Disabled]	
SATA DEVSLEP Idle Timeout Config	[Disabled]	
Serial ATA Port 3	Empty	
Software Preserve	Unknown	
Port 3	[Enabled]	
Hot Plug	[Disabled]	
External SATA	[Disabled]	
SATA Device Type	[Hard Disk Drive]	
Spin Up Device	[Disabled]	
Device Sleep	[Disabled]	
SATA DEVSLEP Idle Timeout Config	[Disabled]	

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



Advanced

Port 1	[Enabled]
Hot Plug	[Disabled]
External SATA	[Disabled]
SATA Device Type	[Solid State Drive]
Spin Up Device	[Disabled]
Device Sleep	[Disabled]
SATA DEVSLEP Idle Timeout Config	[Disabled]
Serial ATA Port 2	Empty
Software Preserve	Unknown
Port 2	[Disabled]
Hot Plug	[Disabled]
External SATA	[Disabled]
SATA Device Type	[Hard Disk Drive]
Spin Up Device	[Disabled]
Device Sleep	[Disabled]
SATA DEVSLEP Idle Timeout Config	[Disabled]
Serial ATA Port 3	Empty
Software Preserve	Unknown
Port 3	[Disabled]
Hot Plug	[Disabled]
External SATA	[Disabled]
SATA Device Type	[Hard Disk Drive]
Spin Up Device	[Disabled]
Device Sleep	[Disabled]
SATA DEVSLEP Idle Timeout Config	[Disabled]

▲ Identify the SATA port is connected to Solid State Drive or Hard Disk Drive.

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

Advanced

▶ Platform Thermal Configuration

Platform Thermal Configuration  
options

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

Advanced

Platform Thermal Configuration

Automatic Thermal Reporting	[Disabled]
Critical Trip Point	[POR]
Active Trip Point 0	[71 C]
Active Trip Point 0 Fan Speed	100
Active Trip Point 1	[55 C]
Active Trip Point 1 Fan Speed	75
Passive Trip Point	[95 C]
Passive TC1 Value	1
Passive TC2 Value	5
Passive TSP Value	10
PCH Thermal Device	[Disabled]

Configure \_CRT, \_PSV and \_ACO automatically based on values recommended in BNG's Thermal Reporting for Thermal Management settings. Set to Disabled for manual configuration.

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

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Advanced

ISCT Support

[Disabled]

Enable/Disable ISCT Support

←→: Select Screen  
F4: Select Item  
Enter: Select  
←/→: Change Opt.  
F1: General Help  
F2: Previous Values  
F3: Optimized Defaults  
F10: Save & Exit  
ESC: Exit

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Advanced

Network Stack

[Disabled]

Enable/Disable UEFI Network Stack

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

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## Advanced

## Compatibility Support Module Configuration

CSM Support	[Enabled]
CSM16 Module Version	07.76
GateA20 Active	[Always]
Option ROM Messages	[Force BIOS]
Boot option filter	[UEFI and Legacy]
Option ROM execution	

Network	[Legacy]
Storage	[Legacy]
Video	[Legacy]
Other PCI devices	[Legacy]

Enable/Disable CSM Support.

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