



# CometLake Platforms Platforms RVP/CRB BIOS Release Notes

*CometLake – Comet Point PCH -H /LP*

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*December 2019*

*CRB BIOS*

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# **1**     ***SPI Images***

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## **1.1**     **SPI Images for Comet Lake (CML/WHL+*CMP-PCH LP*) platforms**

This release doesn't include full SPI Image.

## **1.2**     **SPI Images for Coffe/Cannon Lake (CML/WHL +*CMP-PCH*) platforms**

**To create either 1x32M full SPI image of the CRB BIOS:**

1. Download latest System BIOS
2. Search for the latest Intel® Management Engine Firmware kit.
3. Download and install the Intel® ME Firmware kit.
4. Follow instructions to build appropriate full image as described in the "Intel(R) ME FW Bring Up Guide" document (part of the Intel® ME Firmware kit)



## 2 Supported Hot Keys

CTRL+ALT+SHIFT+<KEY> causes a Hot-Key Event to the SBIOS. The specific <KEY> to complete the sequence is defined in the following table.

### 2.1 ACPI Hot-keys

F1	IGFX Display Switch using Toggle List 1.
F2	IGFX Display Switch using Toggle List 2.
F3	IGFX Display Switch using Toggle List 3.
F4	IGFX Display Switch using Toggle List 4.
F5	Virtual Power Switch Event (Toggle between Virtual AC and Virtual Battery Mode)
F8	IGFX Panel Fitting Hot-Key
F9	IGFX LCD Brightness Level – Decrease 10% if percentage > = 10%
F10	IGFX LCD Brightness Level – Increase 10% if percentage < = 90%
1/!	10% Virtual Battery
2/@	20% Virtual Battery
3/#	30% Virtual Battery
4/\$	40% Virtual Battery
5/%	50% Virtual Battery
6/^	60% Virtual Battery
7/&	70% Virtual Battery
8/*	80% Virtual Battery
9/(	90% Virtual Battery
0/)	100% Virtual Battery
-/_	Virtual Battery % = Virtual Battery – 2%
= /+	Virtual Battery % = Virtual Battery + 2%

**Notes:**

1. The Virtual Battery hot-key values are a single key with dual purposes.
2. IGFX hot-keys are only supported when IGFX is present and is the primary display device. If that is not the case, the hot-keys will be disabled.
3. The virtual battery hot-keys are only valid when a virtual battery is present. If any real battery is present at all, these hot-keys are disabled. Additionally, the user will only be allowed to decrease battery percentages when in virtual battery mode and will only allow the user to increase battery percentages when in virtual AC Mode. Also, please note that some operating systems only display battery percentage differences that are  $\geq \pm 4\%$ .



## 3 BI BIOS – CML RVP 2051

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BIOS version	<b>2051</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1105
RST RAID OROM	17.8.0.4507 (locked) 17.8.0.4507 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.2C.10</b>
BIOS Guard	4596
Boot Guard ACM	4638
CBNT ACM Version	CMLS: 1.12.34

### 3.1 Highlights

- Update BIOS Version
- Update SiC code/FSP

### 3.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems





## 4 BI BIOS – CML RVP 2037

---

BIOS version	<b>2037</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - <b>9.0.1105</b>
RST RAID OROM	17.8.0.4507 (locked) 17.8.0.4507 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.2A.70</b>
BIOS Guard	4596
Boot Guard ACM	<b>4638</b>
CBNT ACM Version	CMLS: 1.12.34

### 4.1 Highlights

- Update BIOS Version**
- Update SiC code/FSP**
- Update GOP Driver**
- Update Boot Guard ACM**

### 4.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems



## 5 BI BIOS – CML RVP 2024

---

BIOS version	<b>2024</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1101
RST RAID OROM	17.8.0.4507 (locked) 17.8.0.4507 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.29.40</b>
BIOS Guard	4596
Boot Guard ACM	4620
CBNT ACM Version	CMLS: 1.12.34

### 5.1 Highlights

**Update BIOS Version**  
**Update SiC code/FSP**

### 5.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems



## 6 BI BIOS – CML RVP 2014

---

BIOS version	<b>2014</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1101
RST RAID OROM	17.8.0.4507 (locked) 17.8.0.4507 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.28.40</b>
BIOS Guard	4596
Boot Guard ACM	4620
CBNT ACM Version	CMLS: <b>1.12.34</b>

### 6.1 Highlights

- Update BIOS Version**
- Update SiC code/FSP**
- Update CBNT ACM Version**

### 6.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems



## 7 BI BIOS – CML RVP 1522

---

BIOS version	<b>1522</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1101
RST RAID OROM	17.8.0.4507 (locked) 17.8.0.4507 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.27.20</b>
BIOS Guard	4596
Boot Guard ACM	<b>4620</b>
CBNT ACM Version	CMLS: <b>1.12.33</b>

### 7.1 Highlights

- Update BIOS Version
- Update SiC code/FSP
- Update Boot Guard
- Update CBNT ACM Version

### 7.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems.



## 8 BI BIOS – CML RVP 1515

---

BIOS version	<b>1515</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1101
RST RAID OROM	17.8.0.4507 (locked) 17.8.0.4507 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.26.40</b>
BIOS Guard	4596
Boot Guard ACM	4465
CBNT ACM Version	CMLS: 1.12.28

### 8.1 Highlights

**Update BIOS Version**  
**Update SiC code/FSP**

### 8.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems.



## 9 BI BIOS – CML RVP 1504

---

BIOS version	<b>1504</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1101
RST RAID OROM	17.8.0.4507 (locked) 17.8.0.4507 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.26.30</b>
BIOS Guard	4596
Boot Guard ACM	4465
CBNT ACM Version	CMLS: 1.12.28

### 9.1 Highlights

**Update BIOS Version**  
**Update SiC code/FSP**

### 9.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems.



## 10 OS – CML RVP 1495

---

BIOS version	<b>1495</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1101
RST RAID OROM	<b>17.8.0.4507 (locked)</b> <b>17.8.0.4507 (unlocked)</b>
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.25.60</b>
BIOS Guard	4596
Boot Guard ACM	4465
CBNT ACM Version	CMLS: 1.12.28

### 10.1 Highlights

**Update BIOS Version**  
**Update SiC code/FSP**  
**Update RST RAID OROM**

### 10.2 Resolved Client BIOS issues

hot-keys work in ONLY ACPI aware operating systems.



# 11 BIOS – CML RVP 1484

---

BIOS version	<b>1484</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - <b>9.0.1101</b>
RST RAID OROM	17.8.0.4460 (locked) 17.8.0.4460 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.25.10</b>
BIOS Guard	4596
Boot Guard ACM	4465
CBNT ACM Version	CMLS: 1.12.28

## 11.1 Highlights

- Update BIOS Version
- Update SiC code/FSP
- Update GOP

## 11.2 Resolved Client BIOS issues

n/a





## 12 BIOS – CML RVP 1475

---

BIOS version	<b>1475</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1098
RST RAID OROM	17.8.0.4460 (locked) 17.8.0.4460 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.24.40</b>
BIOS Guard	<b>4596</b>
Boot Guard ACM	4465
CBNT ACM Version	CMLS: 1.12.28

### 12.1 Highlights

**Update BIOS Version**  
**Update SiC code/FSP**  
**Update BIOS Guard**

### 12.2 Resolved Client BIOS issues

n/a



## 13 BIOS – CML RVP 1464

---

BIOS version	<b>1464</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1098
RST RAID OROM	<b>17.8.0.4460 (locked)</b> <b>17.8.0.4460 (unlocked)</b>
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.23.30</b>
BIOS Guard	4516
Boot Guard ACM	4465
CBNT ACM Version	<b>CMLS: 1.12.28</b>

### 13.1 Highlights

- Update SiC code/FSP
- Update RST
- Update CBNT ACM

### 13.2 Resolved Client BIOS issues

n/a



# 14 BIOS – CML RVP 1452

---

BIOS version	<b>1452</b>
EDK2 core revision	<b>EDK2-Stable201908</b>
GOP Driver	CFL/WHL/CML - 9.0.1098
RST RAID OROM	<b>17.8.0.4460 (locked)</b> <b>17.8.0.4460 (unlocked)</b>
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.22.30</b>
BIOS Guard	4516
Boot Guard ACM	4465
CBNT ACM Version	CMLS: 1.12.2

## 14.1 Highlights

- Update SiC code/FSP
- Update RST

## 14.2 Resolved Client BIOS issues

n/a



## 15 BIOS – CML RVP 1434

---

BIOS version	<b>1434</b>
EDK2 core revision	EDK2-Stable201908
GOP Driver	CFL/WHL/CML - 9.0.1098
RST RAID OROM	<b>17.8.0.4438 (locked)</b> <b>17.8.0.4438 (unlocked)</b>
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.22.10</b>
BIOS Guard	4516
Boot Guard ACM	4465
CBNT ACM Version	<b>CMLS: 1.12.25</b>

### 15.1 Highlights

**Update SiC code/FSP**  
**Update RST**  
**Update CBNT ACM**

### 15.2 Resolved Client BIOS issues

N/A



# 16 BIOS – CML RVP 1426

---

BIOS version	<b>1426</b>
EDK2 core revision	<b>EDK2-Stable201908</b>
GOP Driver	CFL/WHL/CML - 9.0.1098
RST RAID OROM	17.5.0.4136 (locked) 17.8.0.4414 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.21.30</b>
BIOS Guard	4516
Boot Guard ACM	4465
CBNT ACM Version	CMLS: 1.12.2

## 16.1 Highlights

**Update SiC code/FSP**  
**Update EDK2**

## 16.2 Resolved Client BIOS issues

n/a



## 17 BIOS – CML RVP 1405

---

<b>BIOS version</b>	1405
BP common core revision	EDK2-Stable201905
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1021 CFL/WHL/CML - 9.0.1098
<b>RST RAID OROM</b>	17.5.0.4136 (locked) 17.8.0.4414 (unlocked)
MEBx	14.0.0.0001
PXE OROM	0.1.15
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.1F.20</b>
BIOS Guard	4516
Boot Guard ACM	4465

### 17.1 Highlights

**Update SiC code/FSP**

### 17.2 Resolved Client BIOS issues

n/a



# 18 BIOS – CML RVP 1394

---

<b>BIOS version</b>	1394
BP common core revision	EDK2-Stable201905
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1021 <b>CFL/WHL/CML - 9.0.1098</b>
<b>RST RAID OROM</b>	17.5.0.4136 (locked) <b>17.8.0.4414 (unlocked)</b>
MEBx	14.0.0.0001
PXE OROM	<b>0.1.15</b>
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>09.00.1E.30</b>
BIOS Guard	4516
Boot Guard ACM	4465

## 18.1 Highlights

- Update GOP
- Update SiC code/FSP
- Update RST driver
- Update PXE OROM

## 18.2 Resolved Client BIOS issues

n/a



## 19 BIOS – CML RVP 1387

---

<b>BIOS version</b>	1387
BP common core revision	EDK2-Stable201905
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1021 CFL/WHL/CML - 9.0.1096
<b>RST RAID OROM</b>	17.5.0.4136 (locked) <b>17.8.0.4414 (unlocked)</b>
MEBx	14.0.0.0001
PXE OROM	<b>0.1.15</b>
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>9.00.1A.30</b>
BIOS Guard	4516
Boot Guard ACM	4465

### 19.1 Highlights

Update SiC code/FSP  
Update RST driver

### 19.2 Resolved Client BIOS issues

n/a





## 20 BIOS – CML RVP 1365

---

<b>BIOS version</b>	1365
BP common core revision	EDK2-Stable201905
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML – 1021 CFL/WHL/CML - 9.0.1096
<b>RST RAID OROM</b>	17.5.0.4136 (locked) <b>17.8.0.4414 (unlocked)</b>
MEBx	14.0.0.0001
PXE OROM	<b>0.1.15</b>
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>9.00.1C.50</b>
BIOS Guard	4516
Boot Guard ACM	4465

### 20.1 Highlights

- Update SiC code/FSP
- Update RST driver
- Update PXE OROM

### 20.2 Resolved Client BIOS issues

n/a



## 21 BIOS – CML RVP 1344

---

<b>BIOS version</b>	1344
BP common core revision	EDK2-Stable201905
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1021 <b>CFL/WHL/CML - 9.0.1096</b>
<b>RST RAID OROM</b>	<b>17.5.0.4136 (locked)</b> <b>17.8.0.4298 (unlocked)</b>
MEBx	14.5.0.0010
PXE OROM	0.1.13
UEFI UNDI Driver	0.0.24
Silicon initialization code (SiC FSP)	<b>9.00.1A.30</b>
BIOS Guard	4516
Boot Guard ACM	4465

### 21.1 Highlights

- Update GOP
- Update SiC code/FSP
- Update RST driver

### 21.2 Resolved Client BIOS issues

n/a



## 22 BIOS – CML RVP 1315

---

<b>BIOS version</b>	1315
BP common core revision	EDK2-Stable201905
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1021 <b>CFL/WHL/CML - 9.0.1095</b>
RST RAID OROM	17.5.0.4136 (locked) 17.8.0.4279 (unlocked)
MEBx	14.5.0.0010
PXE OROM	0.1.13
<b>UEFI UNDI Driver</b>	<b>0.0.24</b>
Silicon initialization code (SiC FSP)	<b>9.00.18.40</b>
BIOS Guard	4516
Boot Guard ACM	4465

### 22.1 Highlights

- Update GOP
- Update MCU
- Update SiC code/FSP
- Update UEFI UNDI Driver

### 22.2 Resolved Client BIOS issues

n/a



## 23 BIOS – CML RVP 1285

---

<b>BIOS version</b>	1295
BP common core revision	EDK2-Stable201905
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1021 <b>CFL/WHL/CML - 9.0.1093</b>
RST RAID OROM	<b>17.5.0.4136 (locked)</b> <b>17.8.0.4279 (unlocked)</b>
MEBx	14.5.0.0010
PXE OROM	0.1.13
UEFI UNDI Driver	0.0.23
Silicon initialization code (SiC FSP)	<b>9.00.15.50</b>
BIOS Guard	4516
Boot Guard ACM	4492

### 23.1 Highlights

- Update GOP
- Update RST
- Update MCU
- Update SiC code/FSP

### 23.2 Resolved Client BIOS issues

n/a



## 24 BIOS – CML RVP 1214

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<b>BIOS version</b>	1214
BP common core revision	EDK2-Stable201811
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1021 <b>CFL/WHL/CML - 9.0.1090</b>
RST RAID OROM	<b>17.5.0.4136 (locked)</b> <b>17.5.0.4136 (unlocked)</b>
MEBx	14.5.0.0010
PXE OROM	0.1.13
UEFI UNDI Driver	0.0.23
Silicon initialization code (SiC FSP)	<b>9.00.0F.40</b>
BIOS Guard	<b>4516</b>
Boot Guard ACM	<b>4492</b>

### 24.1 Highlights

- Update GOP
- Update RST
- Update MCU
- Update SiC code/FSP
- Update BIOS Guard ACM
- Update Boot Guard AMC

### 24.2 Resolved Client BIOS issues

n/a



## 25 BIOS – CML RVP 1155

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<b>BIOS version</b>	1155
BP common core revision	EDK2-Stable201811
Video Option ROM (VBIOS) GOP Driver	<b>CFL/WHL/CML - 1021</b> <b>CFL/WHL/CML - 9.0.1089</b>
RST RAID OROM	<b>17.2.0. 4078 (locked)</b> <b>17.2.0. 4078 (unlocked)</b>
MEBx	14.5.0.0010
PXE OROM	0.0.23
UEFI UNDI Driver	0.1.13
Silicon initialization code (SiC FSP)	<b>9.0.0B.60</b>
BIOS Guard	0x10BD (2.0.4492)
Boot Guard	4465

### 25.1 Highlights

- Update GOP
- Update RST
- Update MCU
- Update SiC code/FSP

### 25.2 Resolved Client BIOS issues

n/a



## 26 BIOS – CML RVP 1155

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<b>BIOS version</b>	1155
BP common core revision	EDK2-Stable201811
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1020 <b>CFL/WHL/CML - 9.0.1087</b>
RST RAID OROM	<b>17.2.0. 4045 (locked)</b> 17.2.0. 4021 (unlocked)
MEBx	14.5.0.0010
PXE OROM	0.0.23
UEFI UNDI Driver	0.1.13
Silicon initialization code (SiC FSP)	<b>9.0.0B.40</b>
BIOS Guard	<b>0x10BD (2.0.4492)</b>
Boot Guard	<b>4465</b>

### 26.1 Highlights

- Update GOP
- Update RST
- Update MCU
- Update SiC code/FSP
- Update BIOS Guard
- Update Boot Guard

### 26.2 Resolved Client BIOS issues

n/a



## 27 BIOS – CML RVP 1103

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<b>BIOS version</b>	1103_01
BP common core revision	EDK2-Stable201811
Video Option ROM (VBIOS) GOP Driver	<b>CFL/WHL/CML - 1020</b> CFL/WHL/CML - 9.0.1086
RST RAID OROM	<b>17.2.0. 4021 (locked)</b> <b>17.2.0. 4021 (unlocked)</b>
MEBx	<b>14.5.0.0010</b>
PXE OROM	<b>0.0.23</b>
UEFI UNDI Driver	0.1.13
Silicon initialization code (SiC FSP)	<b>9.1.07.40</b>
BIOS Guard	0x10BD (2.0.4285)
Boot Guard	3909

### 27.1 Highlights

- Update GOP
- Update RST
- Update PXE
- Update MEBx
- Update SiC code/FSP

### 27.2 Resolved Client BIOS issues

n/a





## 28 BIOS – CML RVP 1065

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<b>BIOS version</b>	1065_01
BP common core revision	EDK2-Stable201811
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1016 <b>CFL/WHL/CML - 9.0.1086</b>
RST RAID OROM	<b>17.0.0.3790 (locked)</b> <b>17.0.0.3690 (unlocked)</b>
MEBx	12.0.0.0010
PXE OROM	0.0.18
UEFI UNDI Driver	0.1.13
Silicon initialization code (SiC FSP)	<b>9.1.4.40</b>
BIOS Guard	0x10BD (2.0.4285)
Boot Guard	3909

### 28.1 Highlights

- Update GOP
- Update RST
- Update SiC code/FSP

### 28.2 Resolved Client BIOS issues

n/a



## 29 BIOS – CML RVP 1034

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<b>BIOS version</b>	1034_01
BP common core revision	<b>EDK2-Stable201811</b>
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1016 CFL/WHL/CML - 9.0.1085
RST RAID OROM	17.0.0.3720 (locked) 17.0.0.3679 (unlocked)
MEBx	12.0.0.0010
PXE OROM	0.0.18
UEFI UNDI Driver	0.1.13
Silicon initialization code (SiC FSP)	<b>9.0.54.10</b>
BIOS Guard	0x10BD (2.0.4285)
Boot Guard	3909

### 29.1 Highlights

Update common core  
Update SiC code/FSP

### 29.2 Resolved Client BIOS issues

n/a



## 30 BIOS – CML RVP 1022

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<b>BIOS version</b>	1022_02_34
BP common core revision	1.5.2.0 RP01
Video Option ROM (VBIOS) GOP Driver	CFL/WHL/CML - 1016 CFL/WHL/CML - 9.0.1085
RST RAID OROM	17.0.0.3720 (locked) 17.0.0.3679 (unlocked)
MEBx	12.0.0.0010
PXE OROM	0.0.18
UEFI UNDI Driver	0.1.13
Silicon initialization code (SiC FSP)	9.0.52.10
BIOS Guard	0x10BD (2.0.4285)
Boot Guard	3909

### 30.1 Highlights

First CML BIOS

### 30.2 Resolved Client BIOS issues

n/a