

# BIOS Release Notes Form

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<b>Product Name</b>	<b>X13DEG-OAD</b>
<b>Release Version</b>	<b>2.4 SPS: 6.1.4.047</b>
<b>Build Date</b>	<b>08/09/2024</b>
<b>Previous Version</b>	<b>2.1 SPS: 6.1.4.005</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Updated AMI label to 5.32_EagleStreamCrb_0ACOR_105_BETA for uPLR2.</li><li>2. Updated m_87_c06f2_21000283 for EMR A stepping CPU.</li><li>3. Updated m_87_806f8_2B000603 for SPR E stepping CPU.</li><li>4. Updated m_10_806f8_2C0003D3 for SPR HBM B stepping CPU.</li><li>5. Updated Intel Server Platform Services SPS_E5_06.01.04.047.</li><li>6. Improved the SmcVPD third-party LAN card's function.</li><li>7. Updated Seamless MCU capsule revision to 2.4.</li><li>8. Updated VROC SATA/sSATA/tSATA/VMD EFI driver to VROC PreOS 8.6.0.1136.</li><li>9. Updated AMI label to 5.32_EagleStreamCrb_0ACOR_102_BETA for BKC uPLR1 OOB2.</li><li>10. Improved the SmcVPD third-party LAN card's function.</li><li>11. Added a function to support HTTPs boot TLS certificate upload via BMC Redfish API.</li><li>12. Updated TLS Certification setup page.</li></ol>

	<p>13. Updated AMI label to 5.32_EagleStreamCrb_0ACOR_101 for BKC UMR1 2024_WW05.</p> <p>14. Updated the SUM OOB module to SMCOOBV2.00.22 to support Redfish replacing the display name feature.</p> <p>15. Exposed "Directory Mode Enable" and added X-AMI.</p> <p>16. Updated EDK2 NetworkPkg for AMI SA50218.</p> <p>17. Updated AMITSE module for AMI SA50216.</p> <p>18. Updated AMITSE module for AMI SA50230.</p>
New features	None
Fixes	<p>1. Removed the limit of PN and SN in VPD data.</p> <p>2. Enhanced Function Policy for the ACS CTL register.</p>

***Release Notes from Previous Release(s)***

***2.1 SPS: 6.1.4.005 (11/29/2023)***

- 1. Upgraded the codebase to Intel BKC 2023 WW47.*
- 2. Fixed the boot option information for NVMe devices.*

***1.4 SPS: 6.0.5.046 (08/04/2023)***

- 1. Applied the patch to fix the MCC timing issue.*
- 2. Upgraded the codebase to Intel BKC 2023 WW26 PLR2/3.*

***1.3 SPS: 6.0.4.070 (05/04/2023)***

- 1. Upgraded the codebase to Intel BKC 2023 WW13 PLR1*

***1.2 SPS: 6.0.4.033 (04/20/2023)***

- 1. Got related information from BF2 cards and reported to BMC through SMBIOS records for enhancement*
- 2. Updated codebase to Intel BKC 2023 WW09 MR2 for enhancement*

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*Product Manager*

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*Date*