

BIOS Release Notes Form

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Product Name	X13DSF-A
Release Version	2.3
Release Date	06/12/2024
Previous Version	2.2
Update Category	Enhancement
Dependencies	None
Important Notes	None
Enhancements	1. Updated AMI label to 5.32_EagleStreamCrb_0ACOR_102_BETA for BKC 2024_WW12 for INTEL-SA-01036 Security Advisory to address CVE-2023-45745(7.9, High) and CVE-2023-47855(6.0, Medium) security issues. 2. Update microcode for SPR HBM B stepping processor. 3. Update microcode for SPR E stepping processor. 4. Implement workload profile.
New features	None
Fixes	1. Improved compatibility and reliability.

Release Notes from Previous Release(s)

1.0 (10/28/2022) <i>Initial release.</i>
1.1 (01/19/2023) 1. Updated to 5.29_EagleStreamCrb_0ACOR_071 and SPS 6.0.4.25. 2. Updated Intel(R) Processor SPR E-Stepping microcode 2B000161. 3. Expose "CXL Security Level" and "CXL Header Bypass" for CXL. 4. Regular Improvement.
1.1a (03/07/2023) 1. Updated Intel BKC 2023_WW09, Intel RC Version 9409.P31 MR2 and HBM PV. 2. Updated SPS 6.0.4.33. 3. Updated 806F8 Intel(R) Processor SPR E-Stepping micro code 2B0001B0. 4. Remove AOC Lan mac from BMC dashboard. 5. Corrected smbios type 17 Device Locator strings.
1.3a (06/05/2023) 1. Updated Intel BKC SPR 2023_WW13 PLR1, Intel RC Version 101.D66.

- Enhance the no bootable device message on POST screen feature. - Change the strings from "Lock mode" to "Lockdown mode". - Set PPIN default value to Unlock. - Improved compatibility and reliability.
1.4 (08/14/2023) - Updated Intel BKC SPR 2023_WW21 PLR2/3, IPU 2023.3, Intel RC Version 103.D70. - Update Intel Server Platform Services SPS_E5_6.0.5.46 PLR3 HF for Eagle Stream Server. - Support BPN-E3S5-126ESN and RSC-X2R-68G5 hotplug and update PCIe MUX setting for RSC-X2R-68G5. - Modify ME version strings, remove the "Manufacturer ID" string. - Enhance Security Erase module, increase array size. - Improved compatibility and reliability.
2.1 (12/14/2023) - Updated AMI label to 5.32_EagleStreamCrb_0ACOR_099_Beta for BKC WW47 EMR PV candidate. - Update Intel Server Platform Services SPS_E5_6.1.4.5 for Eagle Stream Server. - Update EGS_EGS-R_ACM_1_1_9. - Implement OCP PRSNT setting for AIOM(nvidia connectx-7 ndr200). - Update VROC SATA/sSATA/tSATA/VMD EFI driver to VROC Pre-OS v8.5.0.1096 PC. - Adjust the position of FwCapHdr to the front of FV_MAIN to avoid secure flash and Boot guard sign fail. - Expose the item Page Policy in BIOS setup menu. - Default disable OOB send replace DisplayName feature to avoid that the SUM OOB test fail problem. - Rebuild variable Boot Order according to previous boot if variable Boot0000 is created during OS installation. - Fix the system hang during ipv4 HTTP boot. - Improved compatibility and reliability.
2.1a (02/20/2024) - Changed IOU setting to x16 for BPN-E3S5-126ESN-1 support. - Expose "Directory Mode Enable" and add X-AMI.
2.2 (05/17/2024) - Update source base to AMI label 101 (Intel WW05 BKC - MR1). - Update EDK2 NetworkPkg for AMI SA50218 Security Advisory (PixieFai Vulnerability). - Update AMITSE module for AMI SA50230 and SA50216 Security Advisory. - Update CPU Vpp table for supporting BPN-E3S5-126ESN-1. - Improved compatibility and reliability.
2.3 (06/12/2024) - Updated AMI label to 5.32_EagleStreamCrb_0ACOR_102_BETA for BKC 2024_WW12 for INTEL-SA-01036 Security Advisory to address CVE-2023-45745(7.9, High) and CVE-2023-47855(6.0, Medium) security issues. - Update microcode for SPR HBM B stepping processor. - Update microcode for SPR E stepping processor. - Implement workload profile.. - Improved compatibility and reliability.