

BIOS Release Notes Form

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Product Name	X13DET-B
Release Version	1.1 SPS: 6.0.4.025
Build Date	1/20/2023
Previous Version	1.0a
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Updated AMI label to 5.29_EagleStreamCrb_0ACOR_071_BETA.2. Exposed and adjusted the MRRS item3. [SmcUefiBootsOptionRedfish] In order to be compatible with the code base of SuperBIOS and AMI, use SMC's defined GUID for passing variables to BMC.4. Fixed Type 17 that does not follow SPD Spec MemoryChannelBusWidth.5. Exposed CPU "Optimized Power Mode".6. Updated SATA SGPIO Mode option strings for all SATA configuration menus.7. Hid "Homeless Prefetch".8. Updated SPS 6.0.4.25 2S PV Hotfix Release for Eaglestream Platforms.9. Revised code for NVMe PCC init.10. Exposed "CXL Security Level" and "CXL Header Bypass" for CXL.11. Enabled PRM module and updated PrmPKG from EIP72444512. Referred 751004_Intel_VROC_Comp_Issue_Microsoft_Windows_OS_Ver_TA_WW47_2022.pdf Temporary W/A#3 to set SATA RAID controller SSVID/SSID to 8086/7270 for tSATA RAID Windows 2022 issue.13. Applied CPLD E2 mux w/a for PCH SMBUS can't access issue.

New features	None
Fixes	<ol style="list-style-type: none"> 1. Fixed BIOS IIO Configuration menu will display four CPU sockets menus when loading BIOS Optimized Defaults issue. 2. Fixed error where CPU2 TDP disappears in BMC Web. 3. Corrected BankLocator for DP 1SPC projects. 4. Resolved CXL memory cannot be reconfigured from DAX device to memory.

Release Notes from Previous Release(s)

1.0a (11/03/2022)

1. *Changed BIOS Revision to 1.0a.*
2. *Updated AMI label to 5.29_EagleStreamCrb_OACOR_066.*
3. *Enhanced BiosCfg to show Sum GetBiosCfg when booted to setup menu.*
4. *Enhanced tool to support user disable for "CPU C1 auto demotion".*
5. *For chassis types "unknown" or "other", synchronization is performed from FRU0 to SMBIOS Type 03.*
6. *Added and enabled TOKEN "SMC_HECI_HIDE_DELAY" to control the HECI-x hide delay to patch some unexpected behavior (system hang, system reboot etc.).*
7. *Updated Supermicro KMIP form.*
8. *Updated AST2600 VBIOS and VGA uEFI driver to 1.13.01.*
9. *Enhanced tool to force PE3 port A to gen4 when UPI3 is enabled.*
10. *Enhanced tool to automatically create UEFI OS name for removable device (USB key).*
11. *Removed "Supermicro Security erase" page from HII format.*
12. *Added SecureBoot Database to meet Redfish specification and single key Delete function.*
13. *Discarded duplicate MAC address from Redfish interface.*
14. *Updated SPS 6.0.3.271 2S PC Hotfix Release for Eaglestream Platforms.*
15. *Added support for BIOS POST Progress in Redfish.*
16. *Added new feature to set BIOS_EXIT_UBOOT/BIOS_BOOT_OK at end of POST*
17. *Fixed the problem that the password could not be saved after the NVRAM module updated label 26.*
18. *Fixed issue with Memory serial number of SMBIOS type 17 not matching with memory DIMM bar code.*
19. *Fixed issue with SUM update DMI data setting every DMI value.*
20. *Corrected VMD mapping in backplane CPLD register.*

1.0 (06/28/2022)

1. *First release based on BKCWW25 2022.*