

BIOS Release Notes Form

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Product Name	X12SPM
Release Version	1.1
Release Date	4/29/2021
Build Date	4/29/2021
Previous Version	1.0a
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	1. Updated RC 20.P95 for PV RC update. 2. Updated SPS 4.4.4.53. 3. Updated Intel-Generic-Microcode-20210226a_NDA and Intel AE. 4. Updated SATA/sATA EFI driver to VROC PreOS v7.5.0.1152. 5. Set all OPROM control items to Legacy when boot mode is set to Dual. 6. Removed iSCSI option from LAN OPROM item.
New features	N/A
Fixes	1. Fixed malfunction of ONBORAD_LAN_DROP_CHECK under some conditions.

Release Notes from Previous Release(s)

1.0a (3/5/2021)

1. Updated VBIOS and VGA EFI driver to 1.11.03.
2. Updated BIOS ACM 1.0.9 and SINIT ACM 1.0.9.
3. Updated 5.22_WhitleyCrb_OACMS_ICX_058_BETA for PC2 RC update.
4. Enhanced SmcSecureBoot function.
5. Updated Firmtool 1.30.21 to 1.30.22.
6. Updated SATA/ssATA EFI driver to VROC PreOS v7.5.0.1152.
7. Updated BPS firmware 1553 and UEFI driver 3852.
8. Added PROMPT_F1_ON_PWD_TRYOUT.
9. Added IPMI OEM command 0x30 0x68 0xE0 to enhance SUM OOB flow.
10. Kept value of setup string of Manufacturer and Product according to priority "modification of AmiBcp, FUR1 and then SMBIOS Table".
11. Fixed inability of the system to boot into PXE with DVD installed.
12. Enhanced SMCI HDD Security feature.
13. Added the new type "text" of the HII data for the SMC setup modify function.
14. Set GPP_C20 to GPIO default output high to prevent PCH throttle.
15. Added support for recovering boot status after flashing ROM through BMC/CPLD.
16. Added code to stop AFU support.
17. Added HCC Mx stepping CPU check for CPU stepping display.
18. Set default Boot Guard profile to 5.
19. Updated AMI 5.21_WhitleyCrb_OACMS_ICX_056 for PC2 RC update.
20. Automatically disabled and hid ADDDC with x8 width DIMM.
21. Extended memory DIMM serial number information (Samsung, Micron, Hynix).
22. Updated Intel-Generic-Microcode-20210226a_NDA and Intel AE.
23. Updated SPS 4.4.51.
24. Fine tuned BMC LAN USB error handle and fixed asset problem when enabling BIOS debug mode and rebooting BMC under UEFI shell.
25. Fixed failure of the HDD security menu to show when more than 6 HDDs are connected on system.
26. Fixed failure of the BIOS binary to follow the unique format on the PC with Python 3 installed.
27. Fixed failure of SUT to prompt "Enter User password" screen after setting a password when plugging in SED device.
28. Corrected display of IPv4 address source status after updating BIOS.
29. Corrected display of IPv6 status after updating BIOS.
30. Modified IPv6 behavior and removed error message when IPv6 router IP is ::::.
31. Fixed problem of "Configuration Address Source" always showing "DHCP" on IPMI IPv6 page.
32. Fixed system auto reboot when AOC-S100G-b2C is in slot 7.
33. Fixed malfunction of EDPC.
34. Set AFU to stop if there are no parameters.
34. Fixed problem of module recovering boot status again when CMOS is clear.