BIOS Release Notes

Product Name	X12DSC-6
Release Version	1.6 SPS: 4.4.4.500
Build Date	8/11/2023
Previous Version	1.4b SPS: 4.4.4.301
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated 5.22_WhitleyCrb_0ACMS_ICX_076_BETA (IPU-PV 2023.3). 2. Changed the strings from "Lock mode" to "Lockdown mode".
New features	None
Fixes	1. Fixed ENERGY_PERF_BIAS_CFG Mode item change to default after SUM update BIOS with --preserve_setting command.

1.4b SPS: 4.4.4.301 (1/24/2023)

1. *Updated 5.22_WhitleyCrb_0ACMS_ICX_74 Intel BKCWW46 IPU2023.1, please check header for firmware revisions.*
2. *Updated Intel Server Platform Services for Whitley Server Platforms IPU2023.1 4.4.4.301*
3. *Updated VROC SATA/sSATA EFI driver to VROC PreOS v7.8.0.1012*
4. *Updated M.2 slot BDF for OPROM control and SMBIOS BDF by following AOM silkscreen.*

1. *Fixed an issue where memory errors were not being reported in the SMBIOS event log.*

1.4 (7/12/2022)

1. *Updated SmcOOB to the version "_SMCOOBV1.01.25_" to fix the unexpected system-reseting when loading NVRAM defaults.*
2. *Updated 5.22_WhitleyCrb_0ACMS_ICX_72.1 Intel BKCWW23 PLR3.*
3. *Updated VROC SATA/sSATA EFI driver to VROC PreOS v7.7.6.1004 to adress INTEL-TA-00692.*
4. *Added support for IPMI PXE boot to all LAN ports feature for both Legacy and UEFI PXE.*
5. *Added Link Retrain per port item in BIOS.*

1.2 (3/5/2022)

1. *Updated AMI 5.22_WhitleyCrb_0ACMS_ICX_070 RC27P56 to BKC 2021_WW52 (PLR1 HF).*
2. *Added flag [Preserve BIOS Boot Options Configuration] controlled by BMC/SUM.*
3. *Changed string "VMX" to "Intel Virtualization Technology".*
4. *Change BIOS revision to 1.2.*
5. *Removed 1G option from MMCFG base to avoid system hang.*
6. *Fixed the SMBIOS event log ERROR CODE which is not displaying correctly under BIOS menu issue (EFI error type).*
7. *Fixed SpeedStep (P-States) setting, changed when its default setting is set to Disable, and load BIOS defaults in Setup.*
8. *Fixed COM port resource that can't be changed and item's behavior failure.*

1.1a (7/21/2021)

1. *Updated 5.22_WhitleyCrb_0ACMS_ICX_066_BETA Intel BKCWW24 2021 PV MR4.*
2. *Updated Dx/Mx microcode from Intel-Generic-Microcode-20210701_NDA.*
3. *Updated SmcOOB module to 1.01.24 to support SUM clean SMBIOS Event log through BiosCfg header flag.*
4. *Corrected firmware version and vendor on Trusted Computing page.*

_____   _____

Product Manager   *Date*