

BIOS Release Notes Form

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Product Name	X11DPU-V / X11DPU-NEBS
Release Version	1.74.13
Release Date	10/5/2023
Build Date	8/3/2023
Previous Version	1.74.02
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	1.Block I2C master w/r command for VRM channel (channel 1). 2.Prolong execution time on VRM utility.
New features	None
Fixes	1.[152393] STD-- 17212 - M11AST2500_03.17.02_build. 20220110 -- [security] "IPMI configuration backup file remote command execution 2.[159191] - BRLY-2023-008 XSS attack [159192] - BRLY-2023-009 XSS attack [159193] - BRLY-2023-012 XSS attack 3.Order: ECO20220419B ; SKU: SYS-7039A-I (X11DAI-N-P); 4.[147147] VRM utilities can be used on X11QPH+ when battery is INSTALLED 5.[147160] Virtual Media on HTML5 iKVM console is nonfunctional

Release Notes from Previous Release(s)

1.74.02(6/15/2022)

- 1.Support new Realtek PHY RTL8211FD-VX-CG driver.
- 2.1.74.01 is obsolete.
- 3.[129981] STD -- 17212 -- 01.00.14 - Anonymous account or null value can be created on X11 and X12. [130390] STD -- 17212 -- 09.11.50 BETA - [Security] Buffer overflow in ipmi_lan ASF protocol. [130823] BETA -- 17212 -- 07.30.31 -- [Security] resolv.conf won't be deleted, it may cause a potentially DNS Hijacking.
- 4.Remove SSH weak MAC Algorithms Enabled.

1.73.13(9/7/2021)

- 1.Setup IPV6 SLAAC, Supermicro treat SLAAC IP is different with HPE
- 2.Stop support 3rd party card (Mellanox)
- 3.Support PLDM sensor reading at AOC NIC cards.
- 4.Support AMD MI100 GPU HBA temperature display if it is hotter than on-die temp.
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- 5.[126862] "STD---1.72.12-- Unable to save valid domain name on AD page "
- 6.Remove SSH weak MAC Algorithms
- 7.Fix Cross Site Scripting(XSS) vulnerability

1.73.06(11/20/2020)

- 1.Support N3000 card
- 2.form 299-00-190118-001 BMC FW Q1 2019 features (299-00-190118-001, No. 4) Storage UI change.docx
- 3.form 299-00-191104-001 NVIDIA GPU monitoring and Network page info on UI (299-00-190118-001, No. 1) Supermicro NVIDIA GPU support Feature Spec_1.1.docx (299-00-190118-001, No. 2) Network AOC info on BMC UI.msg
- 4.Support redfish 1.8 API.
- 5.form 299-00-190118-001 BMC FW Q1 2019 features (299-00-190118-001, No. 1) SMC_HTML5_User_Guide_ForPM(0.1).docx (299-00-190118-001, No. 6) BMC UI_Redfish_SystemComponent health_status_20190814.docx
- 6.form 299-00-190118-001 BMC FW Q1 2019 features (299-00-190118-001, No. 5) Marvell SE9230 Spec.docx.
- 7.form 299-00-190220-001 Signed299_Requested BMC FW modification (299-00-190220-001, No.2) IPv4_IPv6_Stack_Selection.docx (299-00-190220-001, No.3) Add_IPv4_IPv6_Information_Under_System_Page.docx
- 8.form 299-00-190416-001 BMC KCS Interface Security Solution (299-00-190416-001) BMC KCS Interface Security Solution V0.8.docx
- 9.form 299-00-190605-001 WebUI_Button_Requirements_v1 (299-00-190605-001) WebUI_Button_Requirements_v1.docx (299-00-190605-001) WebUI_Buttons_Requirement_BMC_check_list.docx
- 10.form 299-00-190723-001 AOC NVMe M.2 Sensor Reading (299-00-190723-001) AOC NVMe M.2 Sensor Reading.docx
- 11.SMC_IPv6_and_FQDN_Address_Configuration_User_Guide_ForPM(1.2).docx
- 12.form 299-00-190604-001 SNMPv3_SNMP MIBs features_1.1
- 13.[115672] Unable to set user name at a maximum of 16 characters Error message 'User name must be 4~16 characters.' should be 'User name must be 4~15 characters.'
- 14.[115460] ECO --10922 -- 01.52.06(07/27/2020) -- SSL Certification confirm window has typo
- 15.[115302] user permanently lock out after exceeded lockout times and by SMCIPMITOOL
- 16.[115893] Redfish automation: 1 test case failed [115833] [IPMI ECO 1.73.04] Redfish API update [115636] [IPMI ECO] Redfish automated test failed
- 17.[114398] Fail to set LDAP Server Address through SMCIPMITool

- 18.[108961] [SUM]SUM 2.5.0(2020/04/17) execute Get GpuInfo command function failed
- 19.Fixed bugs that Fan control can't work for AOCM2.
- 20.[113732] SMT_X11AST2500_173_02 bmc fw will cause my linux OS failed to reboot.
- 21.[111750] IPMI ECO Automation fail caused by KCS error" [111536] IPMI ECO Automation test failed on firmware v1.73.02 [110191] IPMI ECO automation test failed.
- 22.[109897] IPMI displayed the same location slot 2 for two AOCs at the different bus numbers.
[108731] The "Model:" item reported "UNKNOWN 0x00000000" in the controller information table.
[108699] The "Manufacturer:" item displayed "Illegal Vendor ID" for the controller information.
[108037] Vendor information is not displayed correctly for HDD SATA drive at Physical Drive View.
[101720] Device 0 and Device 1 should not be displayed at the same location slot 2.
- 23.[108062] Installed NVMe SSD's not getting displayed in latest IPMI FW Rev : 1.73.01 (3/16).
- 24.OOB Bios update function failed via SUM 2.5.0.
- 25.[107373] Yellow Icon in the System Health No event Log.
- 26.[107333] The Storage Monitoring page always show up even if no storage card presence.
- 27.[107287] IPMI ECO automation test fail. [105109] IPMI ECO Robot test fail.
- 28.Wrong License for HTML5 VM.
- 29.[103783] For long hostname string, there's different between X11 and X10 FW.
- 30.[102923] [BIOS/IPMI ECO] sum test fail.
- 31.Standard -- 8971 -- 1.71.06 -- SMASH only take up to 403 characters before disconnecting
- 32.[113136]"AOC_NIC_Temp" IPMI sensor missing during AC on/off test. help to commit, we will retry NCT6683 command.
- 33.[119528] STD -- 9169 -- 01.73.06(11/03/2020) -- Hardware information

1.71.22 (08/26/2020)

- 1.[115672] Unable to set user name at a maximum of 16 characters Error message 'User name must be 4~16 characters.' should be 'User name must be 4~15 characters.'
- 2.[115302] user permanently lock out after exceeded lockout times and by SMCIPMITOOL
- 3.[114391] IPMI Temp Sensor Reading on AOC-SLG3-2M2-O.
- 4.[109038] BMC issued multiple alerts when hard drive failed.
- 5.DIMM temperature sensor value will shows 255 degree randomly.
- 6.[107022] AOC_M2_temp sensor reading is missing from standard IPMI fw for M.2 NVMe Installed in "AOC-SLG3-2M2". form 299-00-190723-001 AOC NVMe M.2 Sensor Reading (299-00-190723-001)
AOC NVMe M.2 Sensor Reading.docx