Filename: SMT\_X11AST2500\_139.bin version: 1.39 Date: 11-17-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_11\_13.xlsx

1.

 Category: Fix

 Description:

 Redfish APIs for Broadcom RAID volumes error

 Changes:

 Old: /redfish/v1/Systems/1/Storage/HA-RAID/HA-RAID.[controller\_num].Volume.[volume\_num]

 New: /redfish/v1/Systems/1/Storage/HA-RAID/Volumes/Controller.[controller\_num].Volume.[volume\_num]

 Impact motherboard:

 All MBs installed with 3108

 Affected functions:

 The API is error thus cannot access relative volume information

 Validation :

 1.Create logical drive through WEB

 2.Check the following APIs by the new document of Redfish API list,

 /redfish/v1/Systems/1/Storage/HA-RAID

 /redfish/v1/Systems/1/Storage/HA-RAID/Volumes

 /redfish/v1/Systems/1/Storage/HA-RAID/Volumes/Controller.[controller\_num].Volume.[volume\_num]

 /redfish/v1/Systems/1/Storage/HA-RAID/Volumes/Controller.[controller\_num].Volume.[volume\_num]/Actions/Oem/Volume.Indicate

 /redfish/v1/Systems/1/Storage/HA-RAID/Volumes/Controller.[controller\_num].Volume.[volume\_num]/Actions/Oem/Volume.Delete

 /redfish/v1/Chassis/HA-RAID.[contoller\_num].StorageEnclosure.[enclosure\_num]/Drives/Disk.Bay.[disk\_num]

2.

 Category: Fix

 Description:

 [85840] “Inlet Temp” sensor is missing in fw 1.38.

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1.Check the sensor reading.

3.

 Category: Fix

 Description:

 [85844] [NVMe] Intel P4800 -> IPMI Eject feature not responding.

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Go to the NVMe SSD page, and eject one NVMe drive.

 2. It should eject successfully.

----------------------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_138.bin version: 1.38 Date: 11-10-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_11\_10.xlsx

1.

 Category: Fixes

 Description:

 [78563] No AOC temperature shown in IPMI Sensor Readings.

 Impact motherboard:

 X11DPT-PS

 Affected functions:

 Validation :

 1. Insert AOC-MHFl-i1C and power on the system.

 2. Change the SIOM to AOC-M25G-m2S.

 3. Power cycle the system and check the sensor.

2.

 Category: Fixes

 Description:

 [85660] Most of IPMI Sensors disappeared when update firmware to ver.1.37.

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Check the sensor readings.

3.

 Category: Fixes

 Description:

 [85716] Help message is not mach with template.

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Log in web page.

 2. Check all the help pages should be followed by Help Menu Suggestions v1.8.

4.

 Category: New Features

 Description:

 Support HII in redfish.

 Impact motherboard:

 X11DPT-B, X11DPU, X11DPI

 Affected functions:

 Validation :

 1.GET https://$BMC\_IP/redfish/v1/Registries/BiosAttributeRegistry.v1\_0\_0 to

 know Attributes, Menus, Dependencies.

 2.GET https://$BMC\_IP/redfish/v1/Systems/1/Bios to know which

 attributes that can be modified.

 3.PATCH or PUT https://$BMC\_IP/redfish/v1/Systems/1/Bios to modify

 attribute value.

 4.all the pendding value that be midified will show in https://$BMC\_IP/redfish/v1/Systems/1/Bios/SD

 After PATCH/PUT, please reset system to apply values to BIOS.

 5.Factory default: POST https://$BMC\_IP/redfish/v1/Systems/1/Bios/Actions/Bios.ResetBios"

 After POST, please reset system to apply values to BIOS.

5.

 Category: Fixes

 Description:

 [85785] [BIOS ECO] SUM test fail.

 [85770] SUM automation test failed

 [85702] IPMI FW1.37 sum automation test has 11 failed items

 [85690] [ SUM 2.0.0(2017/10/27) ] Test fail.

 [85416] IPMI OOB BIOS via SUM 2.0.0 failed on X11DP v01.36 firmware

 [84434] [BIOS ECO] SUM can not run due to invalid DMI information

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Run BMC FW on SMSTC.

6.

 Category: Fixes

 Description:

 [85328] [IPMI ECO] Battery low threshold failed, 2.55v is battery fail

 Impact motherboard:

 X11DPG-QT

 Affected functions:

 Validation :

 1. Check the VBAT threshold(low, fail), it should meet the

 specification

----------------------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_137.bin version: 1.37 Date: 10-31-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_08\_04.xlsx

1.

 Category: Fixes

 Description:

 [85211] SUM GetBmcCfg failed.

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Run sum GetBmcCfg command to verify it.

2.

 Category: Fixes

 Description:

 [85208] IPMI Web GUI Multi Node Page is Showing One Extra Node in 1U 2-Node TwinPro Configuration.

 Impact motherboard:

 X11DPT-PS, 1U TwinPro

 Affected functions:

 Validation :

 1. Check the Multi Node page.

 2. It should only has two nodes: Node A, B.

3.

 Category: Fixes

 Description:

 Remove Upper Critical event log on CPU sensors.

 Follow new thermal guide (SIM\_TDG REV. 4.06).

 Impact motherboard:

 All

 Affected functions:

 Validation :

 1. Heat CPU until reproduce processor hot event to BMC.

 (Processor Automatically Throttled)

 2. No Upper Critical event log exists.

 3. Cool down the CPU temperature.

 4. No Upper Critical event log exists.

4.

 Category: Fixes

 Description:

 [85209] No Option to Update Nuvoton MCU Firmware on BPN-SAS3-809H Backplane for 1U 2-Node TwinPro Systems.

 Impact motherboard:

 X11DPT-PS, 1U TwinPro

 Affected functions:

 Validation :

 1. Check the Nuvoton MCU update tab.

5.

 Category: Enhancement

 Description:

 Improvement of the help message descriptions follow Help Menu Suggestions v1.8.

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Log in web page.

 2. Check all the help pages do not have missing contents.

 3. Check all the help pages should be followed by guideline rules.

6.

 Category: Fixes

 Description:

 [85342] [IPMI ECO 1.36 ] Battery low threshold failed, 2.60v is battery fail

 [85328] [IPMI ECO] Battery low threshold failed, 2.55v is battery fail

 Impact motherboard:

 X11DPG-QT, X11SPW-CTF

 Affected functions:

 Validation :

 1. Check the VBAT threshold(low, fail), it should meet the

 specification

7.

 Category: Fixes

 Description:

 [85384] IPMI Multinode page only shows one out of two CPU temperatures.

 Impact motherboard:

 X11DPT-B

 Affected functions:

 Validation :

 1. Check the CPU temperature in Multinode page.

8.

 Category: New Features

 Description:

 Support BPN-ADP-12NVME-2UB.

 Impact motherboard:

 X11DPT-B

 Affected functions:

 Validation :

9.

 Category: Enhancement

 Description:

 New "Nuvoton FW Update" UI.

 Impact motherboard: X11 Big Twin with BPN-SAS3-217BHQ-N4.

 Affected functions:

 Validation :

 1. There will be no EC1/EC2 option for MCU update. The update process will update EC1/EC2 at the same time.

10.

 Category: Fixes

 Description:

 [85416] IPMI - OOB BIOS via SUM 2.0.0 failed on X11DP v01.36 firmware.

 [85541] IPMI FW 1.36 cannot flash BIOS with sum.

 Impact motherboard:

 All

 Affected functions:

 Validation :

 1. Run sum -c UpdateBIOS to update BIOS.

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Filename: SMT\_X11AST2500\_136.bin version: 1.36 Date: 10-19-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_08\_04.xlsx

1.

 Category: Features

 Description:

 Suppor new thermal guide (SIM\_TDG REV. 4.06).

 [84739] Fan PWM fail for SIS\_TDG 4.06

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1.Update the FW and unselect the SDRBlock perservation.

 2.Check the sdr threshold.

2.

 Category: Fixes

 Description:

 [84663] [IPMI ECO 1.35] Can't read AOC-3108-H8i temp.

 Impact motherboard:

 All motherboards with RSC-UMR-8

 Affected functions:

 Validation :

 1. Add RSC-UMR-8 and AOC-3108-H8i into the system.

 2. Power cycle the system and check the AOC\_SAS\_Temp sensor.

3.

 Category: Fixes

 Description:

 [84874] 2x U.2 NVME SSD cannot be detected in IPMI WebGUI.

 [84860] Fan Speed Control Not Working with Firmware Revision 01.35.

 [84767] No difference of fan mode between Standard Speed and Full Speed for IPMI 1.35.

 [84739] Fan PWM fail for SIS\_TDG 4.06

 Impact motherboard:

 All motherboards.

 Affected functions:

 Validation :

 1. Check the duty cycle after sesnor reading are started.

 2. It should not enter full speed.

 3. After changing the fan mode, the function work properly.

4.

 Category: Fixes

 Description:

 [84821] IPMI 1.35 doesn't displays link width value while 1.33 does.

 Impact motherboard:

 X11DPU+

 Affected functions:

 Validation :

 1. Check the NVMe page width value.

5.

 Category: Enhancement

 Description:

 Adjust VBAT's battery-low threshold from 2.7V to 2.6V for new battery-cell BR2032.

 Impact motherboard: All Purley-based platforms.

 Affected functions: VBAT battery low detection.

 Validation :

 1. Remove the old SDR by oem command or do not preserve SDR during firmware update.

 2. The sensor status shows "Battery presence detected" if the battery voltage > 2.6V.

 3. The sensor status shows "Battery low" if the battery voltage is between 2.5V and 2.6V.

 4. The sensor status shows "Battery failed" if the battery voltage is below 2.5V.

6.

 Category: Fixes

 Description:

 [84069] IPMI Fan Curve Validation Failure.

 Impact motherboard:

 X11QPH

 Affected functions:

 Validation :

 1. Power cycle the system.

 2. Check CPU3 and CPU4 voltage sensor reading.

 3. Repeat step1 and 2 more than 8 times.

7.

 Category: Features

 Description:

 Suppor redfish firmware inventory (bios/bmc update).

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 Before testing the IPMI configuration download operation, you need

 to install the DHC (By Restlet) Chrome extension:

 https://chrome.google.com/webstore/detail/restlet-client-dhc/

 BIOS update

 1. Enter BIOS update mode by issuing the following request with

 POST method and expect to receive a response with “Successfully

 Completed Request”.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BMC/Actions/Oem/FirmwareInventory.UploadBMC

 2. Upload BIOS image by issuing the following request with POST

 method and expect to receive a response with “Successfully Completed

 Request”. The content type must be “multipart/form-data”.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BIOS/Actions/Oem/FirmwareInventory.UploadBIOS

 3. Start to update BIOS by issung the following request with POST

 method and expect to receive a response with “Successfully Completed

 Request”. 3 parameters, PreserveME, PreserveNVRAM and PreserveSMBIOS

 are required in the request body.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BIOS/Actions/Oem/FirmwareInventory.UpdateBIOS

 4. Check the BIOS update status by issuing the following request

 with GET method and expect to receive a response with BIOS

 information.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BIOS/

 BMC update

 1. Enter BMC firmware update mode by issuing the following

 request with POST method and expect to receive a response with

 “Successfully Completed Request”.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BMC/Actions/Oem/FirmwareInventory.EnterBMCUpdateMode

 2. Upload BMC image by issuing the following request with POST method

 and expect to receive a response with “Successfully Completed

 Request”. The content type must be “multipart/form-data”.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BMC/Actions/Oem/FirmwareInventory.UploadBMC

 3. Start to update BMC by issung the following request with POST

 method and expect to receive a response with “Successfully Completed

 Request”. 4 parameters, PreserveCfg, PreserveSdr, PreserveSsl and

 UpdateBootLdr are required in the request body.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BMC/Actions/Oem/FirmwareInventory.UpdateBMC

 4. Check the BMC firmware information by issuing the following

 request with GET method and expect to receive a response with BMC

 information.

 https://<IP>/redfish/v1/UpdateService/FirmwareInventory/BMC/

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Filename: SMT\_X11AST2500\_135.bin version: 1.35 Date: 09-29-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [84409] ipmi web GUI doesn't show NVMe SSD on Server Health.

 Impact motherboard:

 All motherboards with AOC-SLG-8E2P

 Affected functions:

 Validation :

 1. Add AOC-SLG-8E2P into the system.

 2. Check the NVMe page.

2.

 Category: Fixes

 Description:

 [84485] No Fan PWM Duty Shows UP for VRM Temp using SMCIPMITool.

 Impact motherboard:

 X10DAI-N

 Affected functions:

 Validation :

 1. Add VRM into FAN control.

 2. Check the FAN PWM by SMCIPMITool.

3.

 Category: Features

 Description:

 Support Nvdia GPU GP100 (V100)

 Impact motherboard:

 All motherboards support Nvidia GP100

 Affected functions:

 Validation :

4.

 Category: Fixes

 Description:

 [84399] No Sensor reading for AOC

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Insert AOC card on the MB

 2. web --> Server Health --> Sensor Readings

 3. You should see 'AOC\_NIC\_Temp' displays normally

5.

 Category: Fixes

 Description:

 [83727] HW force throttling on CPU1 slot3 (GPU1)

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Please conduct stress tests to verify it.

6.

 Category: Features

 Description:

 Support AOC-MHFI-i1C (SIOM)

 Impact motherboard:

 X11DPG-SN, X11DPT-PS, X11DPT-B-PLUS

 Affected functions:

 Validation :

7.

 Category: Fixes

 Description:

 [84482] [Beta Package] ChassisIntrusion sensor shows :Not present

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1.Check the chassis intrusion sensor from sensor page.

8.

 Category: Fixes

 Description:

 [84485] No Fan PWM Duty Shows Up for VRM Temp using SMCIPMITool.

 Impact motherboard:

 X11DAI

 Affected functions:

 Validation :

 1.Check the Fan Duty of VRM sensors.

9.

 Category: Features

 Description:

 SPEC Power

 Impact motherboard:

 X11DDW

 Affected functions:

 Validation :

 1. Only Paul Chiang know how to verify this

 Related command:

 ipmitool -H $IP -U ADMIN -P ADMIN raw 0x30 0x46 0x1 #turn on

 ipmitool -H $IP -U ADMIN -P ADMIN raw 0x30 0x46 0x0 #turn off

10.

 Category: Features

 Description:

 Add SEL for Memory RAS support

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Trigger SDDC or ADDDC event.

 2. You should see "System Memory RAS Feature Activated" in SEL log.

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Filename: SMT\_X11AST2500\_134.bin version: 1.34 Date: 09-20-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [83988] [BMC 1.32 ECO] LCMC update through IPMI Web GUI - Wrong message is shown when clicking update.

 Impact motherboard:

 X11DPFR-SN

 Affected functions:

 Validation :

 1. Go to LCMC Update page -> Choose File

 2. Click update and check the description of pop out window.

2.

 Category: Enhancement

 Description:

 [84074] The default fan mode should be standard, not PUE2.

 Impact motherboard:

 X11DPT-PS

 Affected functions:

 Validation :

 1. Please do 0x30 0x40 command when BMC FW is updated.

 2. Check the default fan mode.

3.

 Category: Features

 Description:

 Support RSC-P2-88 and RSC-U2M2R-8-NI22

 Impact motherboard:

 All motherboards with RSC-P2-88 and RSC-U2M2R-8-NI22

 Affected functions:

 Validation :

4.

 Category: Fix

 Description:

 [83762] FAN E&F did not respond to fan mode change

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Make sure the FAN E&F are working correctly in different fan modes.

5.

 Category: Fix

 Description:

 [83729] No inlet ambient temperature reading (RT0)

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Check RT0 sensor in sensor page.

6.

 Category: Fix

 Description:

 [83727] HW force throttling on CPU1 slot3 (GPU1)

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Please conduct stress tests to verify it.

7.

 Category: Fix

 Description:

 [83726] No GPU Temp. reading

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Check GPU sensor in sensor page.

8.

 Category: Fix

 Description:

 [83455] X11DPG-SN IPMI: Fan Modes do not seem to be implemented

 Impact motherboard:

 X11DPG-SN

 Affected functions:

 Validation :

 1. Make sure the FANs are working correctly in different fan modes.

9.

 Category: Fixes

 Description:

 [84069] IPMI Fan Curve Validation Failure.

 Impact motherboard:

 X11QPH

 Affected functions:

 Validation :

 1. Check the Vcpu3, Vcpu4, VDimmP3xxx, and VDimmP4xxx sensor reading.

 2. Check P3 and P4 Memory Temp FAN duty report.

10.

 Category: Fixes

 Description:

 [83391] optimal mode (DZ3): fan control is fail.

 Impact motherboard:

 X11SPG

 Affected functions:

 Validation :

 1. Heat up GPU

 2. Expect that the behavior should meet new thermal guide

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Filename: SMT\_X11AST2500\_133.bin version: 1.33 Date: 09-07-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [83550] Server IP is False when disabled.

 Impact motherboard:

 All motherboards

 Affected functions:

 Validation :

 1. Set DDNS setting.

 2. Save the setting. And then disable.

 3. Check the column should be empty.

2.

 Category: Fixes

 Description:

 [83637] there is no NVME SSD tab under IPMI webgui BIOS 8-23 IPMI 1.29 NVME:P4500x 24

 Impact motherboard:

 X11DPU+

 Affected functions:

 Validation :

 1. Support AOC-2UR6N4-IN0001

 2. Connect the Oculink cable from AOC-2UR6N4-IN0001 to BP.

 3. Check the NVMe page.

3.

 Category: Fixes

 Description:

 [83723] Random "NVME inserted Assertation" messages under IPMI SEL.

 Impact motherboard:

 X11DPU-Z+

 Affected functions:

 Validation :

 1. Reset BMC.

 2. Check the SEL page. It should not have "NVMe Inserted - Assertion" SEL.

4.

 Category: Fixes

 Description:

 [82390] fan duty fluctuates when multiple AVAGO 3108 AOCs exist

 Impact motherboard:

 All MBs with mutiple LSI3108

 Affected functions:

 Validation :

 1. Make sure that MB can be installed 2 AOC-S3108L-H8iR

 2. Heat one of that 2 AOC to make they have temperature difference

 (and make sure 3108 will dominate the fan duty) then check if there

 will be any fluctuation on fan rotation

5.

 Category: Fixes

 Description:

 [83332] IPMI sensor reading issue

 Impact motherboard:

 X11DPX-T

 Affected functions:

 Validation :

 1.Check the sensor readings.

6.

 Category: Fixes

 Description:

 [83827] IPMI webGUI, NVMe locate LED fail, Red LED not flashing.

 Impact motherboard:

 X11DPU-Z and NVME3-216N-S4

 Affected functions:

 Validation :

 1. Press the Locate/Dislocate button in NVMe SSD page.

 2. Check the Red locate LED behavior.

7.

 Category: Fixes

 Description:

 [83828] IPMI, NVMe eject fail.

 Impact motherboard:

 X11DPU-Z and NVME3-216N-S4

 Affected functions:

 Validation :

 1. Press the Eject/Insert button in NVMe SSD page.

 2. Check the Eject/Insert result.

8.

 Category: Fixes

 Description:

 [83908] ME NM not support?

 Impact motherboard:

 X11DPU-XLL

 Affected functions:

 Validation :

 1. Issue SMCIPMITool nm20 deviceid

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Filename: SMT\_X11AST2500\_132.bin version: 1.32 Date: 08-25-2017

U-Boot build time : 2013.01 (Aug 09 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [83165] Temperatures of CPUVRM are "N/A".

 Impact motherboard:

 X11DRU-X

 Affected functions:

 Validation :

 1. Check VRM sensor reading.

2.

 Category: Enhancement

 Description:

 Remove the scrollbar and move the buttons to the top.

 Impact motherboard:

 All Purley platforms.

 Affected functions:

 Validation :

 1. Log in web page.

 2. Confirm the following page:

 Server Health --> Sensor Readings

 Server Health --> Event Log

 Configuration --> Alerts

 Configuration --> Active Directory

 Configuration --> Users

 Configuration --> IP Access Control

 Maintenance --> System Event Log

 3. Check the scrollbar does not appear in table.

 4. Check the buttons on the top.

3.

 Category: Fixes

 Description:

 [X11DPFR HW ECO] Revise HSP adress based on new HW requirement.

 Impact motherboard:

 X11DPFR

 Affected functions:

 Validation :

 1. Check Multinode information.

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Filename: SMT\_X11AST2500\_131.bin version: 1.31 Date: 08-09-2017

U-Boot build time : 2013.01 (Jul 13 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [83094] change fan mode fan duty is not normal.

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Install Xeon Phi to left side (fan A/B side)

 2. Change fan mode: full --> optimal

 3. Check duty cycle of left zone, should not be 0

2.

 Category: Fixes

 Description:

 [83096] GPU temp. increase, fan curve does not increase.

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Install Xeon Phi to left side (fan A/B side)

 2. Heat up Xeon Phi

 3. check duty cycle of it, it should meet thermal guide

3.

 Category: Fixes (workaround for HW)

 Description:

 [82504] System Temp sensor reading on IPMI Web is incorrect

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Ask HW to provide reworked MB

 2. Check MB LAN sensor, it should be there

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Filename: SMT\_X11AST2500\_130.bin version: 1.30 Date: 08-02-2017

U-Boot build time : 2013.01 (Jul 13 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [82148] Default fan mode should not be PUE2, as per PM.

 Impact motherboard:

 X11DPU-i+, X11DPU-Z, X11DPU-X, X11DPU-XLL

 Affected functions:

 Validation :

 1. Go to Fan Control page.

 2. Check the default FAN mode is Optimal.

2.

 Category: Fixes

 Description:

 [82389] Need Optimal Fan Zone for SYS-1019GP-TT

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Go to Fan Control page.

 2. There should be optimal mode and no standard mode

3.

 Category: Fixes

 Description:

 [82391] GPU do not have fan control algorithm

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Heat up GPU

 2. Check the duty cycles of region 1/2, they should rise

4.

 Category: Fixes

 Description:

 [82582] [BIOS ECO] DIMM location string on POST didn't match with MB

 silkscreen

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Trigger uncorrectable ECC error

 2. Check SEL, the word should be 'CPU' instead of 'CPU1'

5.

 Category: Fixes

 Description:

 [79487] X11DPH-T: Hardware monitor fail

 Impact motherboard:

 X11DPH

 Affected functions:

 Validation :

 1. Check VBAT presence by dropping to different voltage levels.

6.

 Category: Fixes

 Description:

 [82636] RPM of FAN A&B is too slow under HeavyIO Mode

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Heat up GPUs

 2. Check the duty cycle of installed GPUs, it should meet the thermal

 guide specification

7.

 Category: Fixes

 Description:

 [82874] IPMI WebGUI: Undefined tag.

 Impact motherboard:

 X11DAi-N

 Affected functions:

 Validation :

 1. Change to Simplified Chinese.

 2. Check the Miscellaneous page.

------------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_129.bin version: 1.29 Date: 07-18-2017

U-Boot build time : 2013.01 (Jun 28 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [81749] "LDAP" and "Active Directory" can be enabled at the same time.

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Go to LDAP page and enable the LDAP setting.

 2. Go to Active Directory page and enable the setting.

 3. It should pop out window and deny the action.

2.

 Category: Fixes

 Description:

 [82011] Missing SAS temp on CPU3 PCIe and AOC\_IB\_Temp on WIO RSC.

 Impact motherboard:

 X11QPH + RSC-S2-66

 Affected functions:

 Validation :

 1. Insert the RSC-S2-66 onto CPU3 or CPU4 PCIe slot.

 2. Update the latest BIOS. (after 7/15/2017)

 3. It should not have AOC\_IB Temp sensor.

 4. It should see SAS temp.

----------------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_128.bin version: 1.28 Date: 07-13-2017

U-Boot build time : 2013.01 (Jun 28 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_07\_11.xlsx

1.

 Category: Fixes

 Description:

 [81665] IPMI's NVMe slot ID in the pop up windows for 2nd 12 NVMe is not matching.

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Go to NVMe SSD page.

 2. Locate/Stop Locate 2nd group NVMe drive.

 3. Check the pop out message.

2.

 Category: Fixes

 Description:

 [81152] No Add-on card sensor reading in IPMI Web when install it on

 RSC-R1U-E16R Riser

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Insert AOC on either ONBOARD/RSC-R1UG-E16R-UP/RSC-R1UG-E16-UP

 2. web --> Server Health --> Sensor Readings

 3. You should see 'AOC\_NIC\_Temp' displays normally

3.

 Category: Enhancements

 Description:

 [79487] X11DPH-T: Hardware monitor fail. Change the color of battery-low sensor state to yellow.

 Impact motherboard:

 All Purley platforms.

 Affected functions:

 Validation :

 1. Clean up browser cache.

 2. Check ipmi sensor page. The background color of VBAT in IPMI-WEB must be yellow when battery-low is detected.

4.

 Category: Workaround

 Description:

 [81606] Node C and Node D hangs at post code 94, B2 3008 OptionRom post or MPT BIOS fault 0Dh during reboot test.

 Impact motherboard:

 X11DPT-B

 Affected functions:

 Validation :

 1. login BMC web

 2. check sensor page

5.

 Category: Fixes

 Description:

 [81874] IPMI 12V reading is lower than hardware measured.

 Impact motherboard:

 X11QPH

 Affected functions:

 Validation :

 1. Measured 12V and compare with IPMI reading.

6.

 Category: Fixes

 Description:

 [81894] Cannot detect GPU SDR.

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Setup 2 NVIDIA Tesla P100 on the system.

 2. Power On the system and boot to OS.

 3. Check the Web SDR.

 4. Check the ipmitool SDR.

7.

 Category: Fixes

 Description:

 [81849] RPM of FAN A&B is too slow under HeavyIO Mode

 Impact motherboard:

 X11SPG-TF

 Affected functions:

 Validation :

 1. Power On the system and boot to OS.

 2. Log in the BMC Web.

 3. Navigate to Configuration -> Fan Mode and set to HeavyIO Speed.

 4. Check the FAN SDR.

---------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_127.bin version: 1.27 Date: 06-28-2017

U-Boot build time : 2013.01 (Jun 28 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_06\_07.xlsx

1.

 Category: Fixes

 Description:

 [80208] Reset BMC AOC-SAS(LSI 3108) IPMI Sensor Reading disappear

 Impact motherboard:

 All MBs with 3108

 Affected functions:

 Validation :

 1.Plug LSI3108 Raid Card in System

 2.Boot to System OS and Login IPMI Web GUI

 3.Check IPMI web Server Health/Senor Reading

 4.LSI3108 info (AOC\_SAS) present on Senor Reading

 5.Reset BMC

 6.Check Senor Reading AOC-SAS(LSI 3108) Reading again

2.

 Category: Fixes

 Description:

 [81540] System fan curve did not follow X11 GPU System Thermal Design

 Guide Rev Draft B

 Impact motherboard:

 All MBs

 Affected functions:

 Validation :

 1. Install GPUs on MB

 2. ipmitool -H $IP -U ADMIN -P ADMIN sensor list

 3. Check the threshold of installed GPUs, it should meet the thermal

 guide specification

3.

 Category: Fixes

 Description:

 [79008] FP OH LED doesn't work.

 Impact motherboard: X11QPH

 Affected functions:

 Validation :

 1. Heat CPU to overheat.

 2. Check the OH LED is Red On.

 3. Cool CPU to TjMax-2 degree C.

 4. Check the OH LED is Off.

4.

 Category: Fixes

 Description:

 [81639] No fan PWM for NVMe\_SSD Temp

 Impact motherboard:

 X11DPG-QT

 Affected functions:

 Validation :

 1. Check PWM reading for NVMe\_SSD Temp, it should be there.

5.

 Category: Fixes

 Description:

 [81607] There is no FANB on Rev1.01MB

 Impact motherboard:

 X11DAI

 Affected functions:

 Validation :

 1.Update FW and select "remove SDR" option when BMC FW is updating.

 2.Check the sensor.

---------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_126.bin version: 1.26 Date: 06-23-2017

U-Boot build time : 2013.01 (Jun 12 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_06\_07.xlsx

1.

 Category: Fixes

 Description:

 [80962] No inlet temperature with FPB-TMP-001 Rev1.00

 Impact motherboard: X11DPG-QT

 Affected functions:

 Validation :

 1. web --> Server Health --> Sensor Readings

 2. You should see 'Inlet Temp' displays normally

2.

 Category: Fixes

 Description:

 [81152] No Add-on card sensor reading in IPMI Web when install it on

 RSC-R1U-E16R Riser

 Impact motherboard: X11SPG-TF

 Affected functions:

 Validation :

 1. Insert RSC-R1U-E16R with AOC card onto board

 2. web --> Server Health --> Sensor Readings

 3. You should see 'AOC\_NIC\_Temp' displays normally

3.

 Category: Fixes

 Description:

 [81362] IPMI SEL no Throttling De-Assertion event

 [81366] Onboard buzzer stll has long beep sound after thermal trip

 Impact motherboard: X11SPG-TF

 Affected functions:

 Validation :

 1. Heat up CPU until throttling happens

 2. You should see the 'Assertion' log and the buzzer beeps

 3. Stop Heating up CPU and wait for it to cool down

 4. You should see 'De-assertion' log and the buzzer stops

4.

 Category: Fixes

 Description:

 [81249][81274] Fixed DDNS enable/disable issue.

 Impact motherboard: All

 Affected functions:

 Validation :

 1. web --> Configuration --> Dynamic DNS

 2. It should be able to enable/disable

---------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_125.bin version: 1.25 Date: 06-16-2017

U-Boot build time : 2013.01 (Jun 12 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_06\_07777777.xlsx

1.

 Category: Features

 Description:

 Change back power off time to 5.99 instead of 4.99.

 Impact motherboard: X11DPI

 Affected functions:

 Validation :

 1. Try the power off function repeatedly, and the function work normally.

 2. Try the long press the power button, and the function work normally.

---------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_124.bin version: 1.24 Date: 06-15-2017

U-Boot build time : 2013.01 (Jun 12 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_06\_07777777.xlsx

1.

 Category: Fixes

 Description:

 [80953] GPU be Force Throttling on Slot 6 and Slot 8

 Impact motherboard: All

 Affected functions:

 Validation :

 1. When GPU is idle, it should not be forced throttling

2.

 Category: Fixes

 Description:

 [81013] [IPMI ECO 1.23]DCMS mods can't enabled syslog function

 [81105] [IPMI ECO 1.23] DCMS mods can't enabled syslog function

 [81131] No OOB key is required to read syslog

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Deactivate all licenses

 2. Activate DCMS license

 3. Check the web syslog page, it should be available to use

 4. Verify OOB license with the above steps as well

3.

 Category: Fixes

 Description:

 [80962] No inlet temperature with FPB-TMP-001 Rev1.00

 Impact motherboard: X11DPG-QT

 Affected functions:

 Validation :

 1. web --> Server Health --> Sensor Readings

 2. You should see 'Inlet Temp' displays normally

4.

 Category: Fixes

 Description:

 [80657] missing sensor readings

 [81127] VBAT sensor reading doesn't change to new sensor types.

 Impact motherboard: X11DPH-T, X11DAI-N

 Affected functions:

 Validation :

 1. Check AOC sensor in sensor page.

5.

 Category: Fixes

 Description:

 [81106] FAN PWM test fail

 Impact motherboard: X11DPG-QT

 Affected functions:

 Validation :

 1. Heat up MB\_10G to 90 degrees

 2. Observe the fan duty cycle and it should be 100

6.

 Category: Fixes

 Description:

 [79487] X11DPH-T:Hardware monitor fail

 Impact motherboard: X11DPH

 Affected functions:

 Validation :

 1. Login BMC web sensor page

 2. Check VBAT value

7.

 Category: Features

 Description:

 Support new MB C7X299

 Impact motherboard: C7X299

 Affected functions:

 Validation :

 1. Check C7X299 functions.

8.

 Category: Features

 Description:

 [79032] DIMM temperature sensor issues

 Impact motherboard: X11DPG-QT

 Affected functions:

 Validation :

 1. web --> Server Health --> Sensor Readings

 2. You should see P1-DIMMA2/P1-DIMMD2/P2-DIMMA2/P2-DIMMD2

9.

 Category: Fixes

 Description:

 [80869] BPN revision # and CPLD version # display mismatch between WebGUI & IPMICFG tools.

 Impact motherboard: X11DPFR

 Affected functions:

 Validation :

 1. Change the format type of version in multi node page.

 2. Sync with ipmicfg.

---------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_123.bin version: 1.23 Date: 06-07-2017

U-Boot build time : 2013.01 (May 31 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_06\_07.xlsx

1.

 Category: Fixes

 Description:

 [79966] Unable to update BIOS from 05/02/2017 to previous BIOS 04/18/2017.

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Update BIOS from 05/02/2017 to previous BIOS 04/18/2017

 2. Check the update result.

2.

 Category: Fixes

 Description:

 [80507] Hardware monitor sensor name issue

 [80363] VBAT IPMI reading fail.

 Impact motherboard: X11SPG-TF

 Affected functions:

 Validation :

 1. Web GUI --> Server Health --> Sensor Readings.

 2. Check that the sensor names follow rules.

 3. Check the VBAT sensor behavior.

3.

 Category: Feature

 Description:

 [Redfish] Patch an empty json payload "{}" to those APIs support PATCH,

 a 204 http status code will be responded, while to those not support PATCH,

 a 405 http status code will be responded.

 Impact motherboard:

 All MBs

 Affected functions:

 Redfish PATCH for different APIs

 Validation :

 1. Please refer the file "Redfish\_API\_full\_list\_2017\_06\_07.xlsx" and patch

 an empty json payload, "{}", to each API to check http status code.

4.

 Category: Feature

 Description:

 [Redfish] Nest ICANN domain in "Oem" part if there is data to show

 Impact motherboard:

 All MBs

 Affected functions:

 Redfish "Oem" parts

 Validation :

 1. Check Redfish APIs response with "Oem" key, when there is data

 inside, a ICANN domain name (e.g. Supermicro) is nested as a middle

 json payload container

5.

 Category: Enhancement

 Description:

 Redfish API rename:

 /redfish/v1/UpdateService/SSL -> /redfish/v1/UpdateService/SSLCert

 /redfish/v1/UpdateService/SSL/Actions/SSL.Upload -> /redfish/v1/UpdateService/SSLCert/Actions/SSLCert.Upload

 Impact motherboard: All

 Affected functions:

 Validation :

 Check Redfish APIs' URI of SSL related

6.

 Category: Enhancement

 Description:

 Change the license requirement of web GUI syslog from DCMS to OOB

 Impact motherboard: All

 Affected functions:

 Validation :

 1. web --> Configuration --> Syslog, should not be available for use

 2. enable OOB license

 3. web --> Configuration --> Syslog, should be available for use

7.

 Category: Fixes

 Description:

 [80761] Some sensor cannot be detected

 [79995] IPMI hardware monitor voltage check fail

 Impact motherboard: X11DPG-Q

 Affected functions:

 Validation :

 1. Check the sensor threshold and status.

8.

 Category: Fixes

 Description:

 [80620] If "Syslog" enabled, unexpected system event logs will be generated in every 2 minutes

 Impact motherboard:

 All MBs

 Affected functions:

 syslog

 Validation :

 1. Enable DHCPv6

 2. Check syslog event

9.

 Category: Fixes

 Description:

 [80479] [SATA] fan speed fluctuates a lot.

 Impact motherboard: X11DPT-B (with SAS BP)

 Affected functions:

 Validation :

 1. Set the fan mode to full speed.

 2. Check the FAN1/FAN2 reading.

10.

 Category: Fixes

 Description:

 [80674] BMC cannot display the sensor reading under Windows 2012 R2

 when there are 4 P40 on the system

 Impact motherboard: X11DPG-Q

 Affected functions:

 Validation :

 1. Enter the OS.

 2. Check the sensor page.

11.

 Category: Fixes

 Description:

 [80227] IPMI Rev 1.21 could not report Nvme sensor reading.

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Check NVMe sensor reading.

12.

 Category: Fixes

 Description:

 [80692] Help information menu missing for "LCMC update" field.

 Impact motherboard: X11DPFR

 Affected functions:

 Validation :

 1. Check LCMC update's help page.

13.

 Category: Fixes

 Description:

 [80873] NTP server shifts after IPMI cold reset ( or AC off/on or IPMI

 flashing), with IPMi v1.22

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Config primary and secondary NTP server.

 2. Reboot BMC.

 3. Check the primary NTP server should not be shifted to secondary NTP

 server.

14.

 Category: Fixes

 Description:

 [80926] PSU FAN RPM get difference value between SD5 and Web GUI

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Run power source web gui and check fan1 rpm and fan2 rpm.

 2. Run SMCIPMITOOL pminfo command to get fan1 rpm and fan2 rpm.

 3. The difference should be smaller because BMC has limited resolutoin

 compared to the application tools.

15.

 Category: Fixes

 Description:

 [80698] Failed to update LCMC firmware via IPMI Web GUI and SMCIPMITool

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Update LCMC, it should be ok.

---------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_122.bin version: 1.22 Date: 05-26-2017

U-Boot build time : 2013.01 (Apr 14 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_04\_13.xlsx

1.

 Category: Fixes

 Description:

 [79968] IPMI hardware monitor voltage check fail.

 Impact motherboard: X11DPG

 Affected functions:

 Validation :

 1. Update FW and remove old SDRs when new FW updating.

 2. Check the sensor threshold.

2.

 Category: Fixes

 Description:

 [79897] NO AOC temperature reading in the IPMI web.

 Impact motherboard: X11QPH

 Affected functions:

 Validation :

 1. Insert AOC-2UR68-m2TS. Please make sure the MLX MT27712A0 FW is the latest.

 2. Check the MB\_NIC\_Temp reading.

3.

 Category: Fixes

 Description:

 System installed with 3108 AOC then run cburn ON/OFF test:

 1. Cause system hang at POST stage (and IERR happens)

 2. Some affiliated HDDs within 3108 will be lost(disk drop)

 Impact motherboard:

 All motherboard which support LSI 3108 card.

 MCTP protocol are needed to be supported by the bios.

 Affected functions:

 Validation :

 1. Insert LSI 3108 card

 2. Run cburn ON/OFF test, it will automatically check:

 2-1. System hang at POST stage (and IERR happens)

 2-2. The drives lost or not

 (If you don't know how to run this verification, please contact Joe Chung(in US))

4.

 Category: Fixes

 Description:

 Fine-tune ADC conversion for sensor reading(ADC reworked)

 Impact motherboard: X11SRM

 Affected functions:

 Validation :

 1. Check the sensor reading web gui.

5.

 Category: Fixes

 Description:

 [76583] No Sensor Reading For 10G Lan Card, 40G Lan Card and AOM-S3108M-H8

 Impact motherboard: X11DDW

 Affected functions:

 Validation :

 1. Check AOC & LSI temp sensors.

6.

 Category: Enhancement

 Description:

 Fix security vulnerability (NTP mode 6 scanner)

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Please do factory default.

 2. Enable NTP in Date and Time page.

 3. Run Nessus. NTP mode 6 scanner issue should not be in test report.

7.

 Category: Fixes

 Description:

 [80248] After triggered CPU overheat, CPU sensor behavior abnormal

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Heat up CPU to PROC\_HOT level

 2. You won't hear the buzzer beeps randomly

 3. After cooling down, the buzzer should stop

8.

 Category: Fixes

 Description:

 [80273] No PWM Duty for AOC IB Temperature Sensor

 Impact motherboard: X11DPFR

 Affected functions:

 Validation :

 1. Install AOC-MHIBF-m2Q2G

 2. Do thermal test and check AOC\_IB\_Temp's PWM duty.

9.

 Category: Fixes

 Description:

 [80383] Frequency of CPU is locked after CPU is throttled

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Conduct CPU overheat test.

 2. Check if CPU freq is locked or not when the CPU overheat event occurs.

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Filename: SMT\_X11AST2500\_121.bin version: 1.21 Date: 05-12-2017

U-Boot build time : 2013.01 (Apr 14 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_04\_13.xlsx

1.

 Category: Fixes

 Description:

 [78821] There isn't log for CPU throttle, CPU OH, or CPU Thermal Trip.

 [79004] When CPU thermal trip, system power cycle and stuck at non-booting state.

 [79008] FP OH LED doesn't work.

 Impact motherboard: X11QPH

 Affected functions:

 Validation :

 1. Make the CPU to Proc\_Hot.

 2. Check the OH LED behavior.

 3. Continually heat the CPU to shutdown. (Thermal Trip)

 4. Check Thermal trip SEL.

2.

 Category: Fixes

 Description:

 [79793] Empty assertion events are recorded in IPMI SEL when SMART error drives are detected.

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Launch Smart HDD event.

3.

 Category: Fixes

 Description:

 [79732] BMC Web cannot get the GPU device.

 Impact motherboard: X11DPG

 Affected functions:

 Validation :

 1. Insert GPUs.

 2. Check the sensor reading web gui.

4.

 Category: Fixes

 Description:

 [80027] Change IPMI LAN mode fail.

 [79982] [BIOS 1.0 ECO] SUM ATT test fail.

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Run SUM test.

----------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_120.bin version: 1.20 Date: 05-05-2017

U-Boot build time : 2013.01 (Apr 14 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_04\_13.xlsx

1.

 Category: Fixes

 Description:

 System hang during POST with IERR errors when using 3108 AOC

 Impact motherboard: all motherboard which support LSI 3108 card.

 MCTP protocol are needed to be supported by the bios.

 Affected functions:

 Validation :

 1. Insert LSI 3108 card.

 2. Do system DC on/off test over 12 hours.

 3. Check if the system hang.

2.

 Category: Features

 Description:

 Support X11QPH motherboard

 Impact motherboard: X11QPH

 Affected functions:

 Validation :

-------------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_119.bin version: 1.19 Date: 05-04-2017

U-Boot build time : 2013.01 (Apr 14 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r35

Redfish API : Redfish\_API\_full\_list\_2017\_04\_13.xlsx

1.

 Category: Fixes

 Description:

 When you select French keyboard layout, there some digits keys don't work.

 Impact motherboard: all

 Affected functions:

 Validation :

 1. launch java remote console.

 2. select French keyboard layout in option menu

 3. test all keys

2.

 Category: Features

 Description:

 Support Smart Power function.

 Impact motherboard: X11DPT-B

 Affected functions:

 Validation :

 1. Support Smart Power on X11DPT-B.

 2. The power capping rate is 80%.

3.

 Category: Features

 Description:

 Support LCMC CPLD update.

 Impact motherboard: X11DPT-B+ BPN\_NVME3\_217BHQ

 Affected functions:

 Validation :

 1. Update CPLD through web page.

4.

 Category: Features

 Description:

 79678 [Hybrid] MCU version inconsistency

 Impact motherboard: X11DPT-B+ with BPN-SAS3-217BHQ-N4

 Affected functions:

 Validation :

 1. Check the multinode web gui.

 2. Check the version of Nuvoton MCU FW update web gui.

5.

 Category: Fixes

 Description:

 79066 Fan control function didn't work on FAN5~8

 Impact motherboard: X11SPG-TF

 Affected functions:

 Validation :

 1. Check fan speed in sensor page.

6.

 Category: Fixes

 Description:

 [79051] BMC senor couldn't read VRMCpu temp; and Vbat message was wrong.

 Impact motherboard: X11DPU-Z+

 Affected functions:

 Validation :

 1. Check ipmi sensors.

7.

 Category: Fixes

 Description:

 79134 Session ID is abnormal for iKVM User List

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Log in web page.

 2. Use Console Redirection and iKVM/HTML5 to check session id in user list

----------------------------------------------------------------------

Filename: SMT\_X11AST2500\_118.bin version: 1.18 Date: 04-20-2017

U-Boot build time : 2013.01 (Apr 14 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

Redfish API : Redfish\_API\_full\_list\_2017\_04\_13.xlsx

1.

 Category: Fixes

 Description:

 [79260] IPMI Web GUI - Power source page is showing the incorrect value for PWS Serial Number.

 Impact motherboard: X11DPT-B

 Affected functions:

 Validation :

 1. Check the Power source page.

 2. Check the Serial Number of PSU.

2.

 Category: Fixes

 Description:

 [78773] iKVM is not stable.

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Log in IPMI Web GUI.

 2. Open iKVM

3.

 Category: Fixes

 Description:

 [79258] Several sensors will sometimes show "Not Present" in IPMI sensor reading page after

 performing AC cycle or node hot plug.

 Impact motherboard: X11DPT-B

 Affected functions:

 Validation :

 1. AC Cycle the mode as power up.

 2. Check the Sensor list.

4.

 Category: Enhancements

 Description:

 [78028] [ SUM 2.0.0(2017/03/03) ] Test fail.

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Setup oscilloscope to capture the signal.

 2. Enter web GUI and trigger power down.

5.

 Category: Fixes

 Description:

 [79309] [IPMI ECO 1.17] Redfish function is not workable

 Impact motherboard: all

 Affected functions:

 Validation :

 1. open /redfish/v1 with postman,

 and it should list the available categories

6.

 Category: Fixes

 Description:

 [79265] [Hybrid] Fans did not change to full speed after fan failure.

 Impact motherboard: X11DPT-B

 Affected functions:

 Validation :

 1. Remove FAN1/FAN2, check FAN2/FAN1 is full speed.

-------------------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_117.bin version: 1.17 Date: 04-14-2017

U-Boot build time : 2013.01 (Apr 14 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Features

 Description:

 Support new MB X11DPH

 Impact motherboard: X11DPH

 Affected functions:

 Validation :

 1. Check X11DPH functions.

2.

 Category: Fixes

 Description:

 [78893] "Out of Spec Definition (0x07, 0x08) - Assertion" events are recorded in IPMI SEL when installing RHEL7.3

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Install RHEL7.3.

 2. Check the SEL logs.

3.

 Category: Fixes

 Description:

 [79090] DFx: OSE X11DPT-PS R1.10 sample run report.

 Impact motherboard: X11DPT-PS

 Affected functions:

 Validation :

 1. Correct the FAN sensors.

 2. Please do the restore to factory default, and make sure there are only FAN1/2/3.

4.

 Category: Fixes

 Description:

 [78485] The VBAT sensor reading is incorrect.

 Impact motherboard: X11DPU-Z

 Affected functions:

 Validation :

 1. Implement the new VBAT way as X11DPU.

 2. Make sure VBAT works fine.

5.

 Category: Features

 Description:

 Redfish support new APIs

 Impact motherboard: all

 Affected functions:

 Validation :

 Check out the following storage APIs:

 /redfish/v1/Managers/1/VM1/CfgCD (license: OOB, SUM, DCMS, Configure ISO image settings: host, path, username and password)

 /redfish/v1/Managers/1/VM1/CfgCD/Actions/IsoConfig.Mount (license: OOB, SUM, DCMSDo mount ISO image)

 /redfish/v1/Managers/1/VM1/CfgCD/Actions/IsoConfig.UnMount (license: OOB, SUM, DCMSDo unmount ISO image)

 /redfish/v1/Managers/1/IKVM (license: DCMS, get a URL link to launch an iKVM over HTML5)

 /redfish/v1/UpdateService/SSL (license: OOB, SUM, DCMS, view current SSL certification information)

 /redfish/v1/UpdateService/SSL/Actions/SSL.Upload (license: OOB, SUM, DCMS, used to upload new SSL certification file)

 /redfish/v1/Systems/1/Storage (license: DCMS)

 /redfish/v1/Systems/1/Storage/HA-RAID (license: DCMS, For Broadcom 3108)

 /redfish/v1/Systems/1/Storage/HA-RAID/HA-RAID.[contoller\_num].Volumes (license: DCMS, For Broadcom 3108)

 /redfish/v1/Systems/1/Storage/HA-RAID/HA-RAID.[contoller\_num].Volumes/[volume\_num] (license: DCMS, For Broadcom 3108)

 /redfish/v1/Systems/1/Storage/RAIDIntegrated (license: DCMS, For RSTe, Must have TAS running)

 /redfish/v1/Systems/1/Storage/RAIDIntegrated/Volumes (license: DCMS, For RSTe, Must have TAS running)

 /redfish/v1/Systems/1/Storage/RAIDIntegrated/Volumes/[volume\_num] (license: DCMS, For RSTe, Must have TAS running)

 /redfish/v1/Systems/1/Storage/SATAEmbedded (license: DCMS, For PCH SATA, Must have TAS running)

 /redfish/v1/Systems/1/Storage/SATAEmbedded/Volumes (license: DCMS, For PCH SATA, Must have TAS running)

 /redfish/v1/Systems/1/Storage/SATAEmbedded/Volumes/[volume\_num] (license: DCMS, For PCH SATA, Must have TAS running)

 /redfish/v1/Chassis/HA-RAID.[contoller\_num].StorageEnclosure.[enclosure\_num] (license: DCMS, For Broadcom 3108)

 /redfish/v1/Chassis/HA-RAID.[contoller\_num].StorageEnclosure.[enclosure\_num]/Drives/Disk.Bay.[disk\_num] (license: DCMS, For Broadcom 3108)

 /redfish/v1/Chassis/StorageBackplane (license: DCMS, For PCH SATA or RSTe, Must have TAS running)

 /redfish/v1/Chassis/StorageBackplane/Drives/Disk.Bay.[disk\_num] (license: DCMS, For PCH SATA or RSTe, Must have TAS running)

 /redfish/v1/Chassis/NVMeSSD.[pcie\_controller\_num].Group.[group\_num].StorageBackplane.[pcie\_controller\_num] (license: DCMS, For NVMe)

 /redfish/v1/Chassis/NVMeSSD.[pcie\_controller\_num].Group.[group\_num].StorageBackplane.[pcie\_controller\_num]/Drives/Disk.Bay.[disk\_num] (license: DCMS, For NVMe)

6.

 Category: Features

 Description:

 Support Smart Power function.

 Impact motherboard: X11DPU

 Affected functions:

 Validation :

 1. Support Smart Power on X11DPU.

 2. The power capping rate is 80%. (750W x 0.8 = 600W)

7.

 category: Fixes

 description:

 [79130] gpu temperature sensor reading is not available

 [78977] pcie 10g aoc no sensor reading

 impact motherboard: x11dpg-q

 affected functions:

 validation :

 1. plug in gpu and 10g cards.

 2. power on and check sensors.

8.

 Category: Enhancements

 Description:

 [78985] Some MBs/nodes will take 10+ minutes to boot to PXE after AC cycle.

 It's a workaround for solving an issue that sometimes BIOS might have KCS long-waiting issue.

 Impact motherboard: all

 Affected functions:

 Validation :

 1. AC off.

 2. AC on and check system boot time.

9.

 Category: Fixes

 Description:

 Fine-tune ADC conversion for sensor reading:

 [778836] '5VSB - Lower Critical going low - assertion' messages are being recorded in IPMI SEL

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 Make sure 5VSB no abnormality in the system event log.

10.

 Category: Fixes

 Description:

 Fine-tune ADC conversion for sensor reading.

 [79104]IPMI event log showing 3.3VCC and 12V upper critical reached events

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 Make sure 3.3VCC and 12V no abnormality in the system event log.

11.

 Category: Fixes

 Description:

 [78928] [Hybrid] Changing FAN mode to full speed does not work when making the changes on nodes B, C, or D.

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Change the FAN mode to full speed mode of Node C or D.

 2. Check the FAN sensor RPM.

-----------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_116.bin version: 1.16 Date: 03-31-2017

U-Boot build time : 2013.01 (Mar 16 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Features

 Description:

 [78420] IPMI Web Session value didn't load default after IPMI Load Factory Default

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Change web session timeout values.

 2. Do factory default.

 3. Check the value again.

2.

 Category: Fixes

 Description:

 [78491] No NVMe and MB\_NIC Temperature Reading on IPMI version 1.15

 [78486] IPMI FW 1.15 can't see NVMe SSD tab anymore under IPMI webgui.

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Check the sensor page

 2. ULIO related NVMe and NIC Temp should be displayed.

3.

 Category: Fixes

 Description:

 [78410] Fan RPM fluctuates for the NIC devices

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Use SMCIPMITool to check the duty cycle of fans

 2. heat the NIC separately and the duty cycle of fans should not

 fluctuate violently

4.

 Category: Features

 Description:

 [78658] NVidia P40 doesn't show up sensor reading in IPMI WebGUI

 Impact motherboard: all motherboards which support GPU sensors

 Affected functions:

 Validation :

 1. Check the P40 GPU sensor reading on IPMI web gui.

5.

 Category: Fixes

 Description:

 [77374] IPMI SEL gets lot of "Others - Assertion" messages

 Impact motherboard: all motherboards which support NVMe sensors

 Affected functions:

 Validation :

 1.Plug in NVMe drives.

 2.Wait NVMe drive show up on IPMI web gui.

 3.Try to insert/remove NVMe drives.

 4.Check the event logs.

6.

 Category: Enhancements

 Description:

 CVE-2003-0001

 Impact motherboard: all

 Affected functions:

 Validation :

 1. Scan security vulnerability by Nessus.

 2. CVE-2003-0001 should not be listed in report.

7.

 Category: Fixes

 Description:

 [78333] ipmicfg -conf & -k &nm seltime fail.

 Impact motherboard: all Purley platforms.

 Affected functions:

 Validation :

 1. Use new ipmicfg LINUX version. (> 1.2.7)

 2. Try LAN config commands.

 3. Try config download commands.

 4. Try nm20 commands.

8.

 Category: Fixes

 Description:

 [78779] SD card function is fail

 Impact motherboard: all Purley platforms.

 Affected functions:

 Validation :

 1. use the following command to check the SD card plug state.

 # ipmitool -H <IP> -U ADMIN -P ADMIN raw 0x30 0x70 0x80

 return 00: SD card is inserted.

 01: SD card is not inserted.

 2. use the following command to test the SD card upload and download.

 # java -jar SMCIPMITool.jar <IP> ADMIN ADMIN ipmi oem generalfileupload 12 <UploadFile>

 # java -jar SMCIPMITool.jar <IP> ADMIN ADMIN ipmi oem generalfiledownload 18 <DownloadFile>

9.

 Category: Fixes

 Description:

 [77869] No storage temperature sensor reading in IPMI for BPN-ADP-8S3108-1UF in slot JSXB2.

 Impact motherboard: X11DPFR-SN

 Affected functions:

 Validation :

 1. Check ipmi sensor.

10.

 Category: Fixes

 Description:

 [77636] No AOC temperature readings for several SIOM/Standard AOCs

 Impact motherboard: X11DPFR-SN

 Affected functions:

 Validation :

 1. Check ipmi sensor.

11.

 Category: Features

 Description:

 Support new MB X11SPG-TF

 Impact motherboard: X11SPG-TF

 Affected functions:

 Validation :

 1. support X11SPG-TF

-----------------------------------------------------------------------------------

Filename: SMT\_X11AST2500\_115.bin version: 1.15 Date: 03-17-2017

U-Boot build time : 2013.01 (Mar 16 2017)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Features

 Description:

 [77440] Sensor reading issue

 Impact motherboard: X11DPG-QT

 Affected functions:

 Validation :

 1. Check JVRM jumper should be shorted at pin 1-2.

 2. Check VRM sensors.

2.

 Category: Fixes

 Description:

 [77673] There are other error event logs when generate memory UECC by Intel MEI

 Impact motherboard: X11SPH

 Affected functions:

 Validation :

 1. Try to generate memory UECC by Intel MEI.

 2. Check event log on web gui and it should support definite wordings.

3.

 Category: Fixes

 Description:

 [77149] Some sensor readings show as "Not Present".

 Impact motherboard: X11SPH-NCTPF

 Affected functions:

 Validation :

 1. Update BMC FW and uncheck Preserve SDR option.

 2. "MB\_10G Temp" sensor is not shown on X11SPH-NCTPF motherboard.

4.

 Category: Features

 Description:

 [78123] No AOC temperature reading on R1.10 with X11DPU

 Impact motherboard: All motherboards which has AOC-2UR68-M2TS

 Affected functions:

 Validation :

 1. Put the AOC-2UR68-M2TS onto SXB3.

 2. Power cycle the system and wait to boot into OS.

 3. Check the MB\_NIC\_Temp1 reading.

5.

 Category: Fixes

 Description:

 [78205] FAN A&B won't change speed when PCH temperature increasing in Heavy IO mode.

 [78204] Normal Open FAN A&B speed is not correct in Standard mode.

 [78203] Normal Open FAN A & B cannot be full speed in full mode.

 [78201] Normal Open no Optimal mode in this model.

 Impact motherboard: X11SPL-F

 Affected functions:

 Validation :

 1. Check FANA and FANB in sensor page and fan mode.

6.

 Category: Fixes

 Description:

 [78071] No have NVMe message on IPMI web

 Impact motherboard: X11SPL-F

 Affected functions:

 Validation :

 1. Check NVME temperature in sensor page.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_114.bin version: 1.14 Date: 03-03-2017

U-Boot build time : 2013.01 (Dec 29 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Fix

 Description:

 [77549] FANA and FAN B function can't work on web IPMI

 Impact motherboard: X11SPL-F

 Affected functions:

 Validation :

 1. Check FANA and FANB.

2.

 Category: Fix

 Description:

 [77573] BMC does not see fans.

 Impact motherboard: X11DPT-B and BPN-SAS3-217BHQ-N4

 Affected functions:

 Validation :

 1. Support BPN-SAS3-217BHQ-N4 Fan reading and Fan control.

 2. Check the FAN1 and FAN2 reading after system booting to OS.

3.

 Category: Fix

 Description:

 [77272] VBAT Sensor reading is not stable.

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Remove the VBAT.

 2. Check the VBAT sensor status and TopMenu System Status.

4.

 Category: Fix

 Description:

 [77953] [Hybrid] EC firmware version shows the wrong version on the EC Nuvoton Update Page.

 Impact motherboard: X11DPT-B

 Affected functions:

 Validation :

 1. Check the Nuvoton page, the version should meet the EC version.

5.

 Category: New Feature

 Description:

 New test function for JSDCARD.

 [76149]] Function Fail, SD card cannot detect.

 Impact motherboard: X11DP motherboards with JSDCARD.

 Affected functions:

 Validation :

 1. use the following command to check the SD card plug state.

 # ipmitool -H <IP> -U ADMIN -P ADMIN raw 0x30 0x70 0x80

 return 00: SD card is inserted.

 01: SD card is not inserted.

 2. use the following command to test the SD card upload and download.

 # java -jar SMCIPMITool.jar <IP> ADMIN ADMIN ipmi oem generalfileupload 12 <UploadFile>

 # java -jar SMCIPMITool.jar <IP> ADMIN ADMIN ipmi oem generalfiledownload 18 <DownloadFile>

6.

 Category: Fix

 Description:

 [77832] [Hybrid] No M.2 AOC temperature sensor reading is shown in IPMI.

 Impact motherboard: X11DPT-B

 Affected functions:

 Validation :

 1. Please do the restore to factory default.

 2. If the system has BPN-ADP-2M2-1UB card, the BPN\_M2\_Temp sensor should have reading.

 3. If not, BPN\_M2\_Temp would be Not Present.

7.

 Category: Fix

 Description:

 [77812] During FAN Fail, Sensor Reading Section on WebGUI Will Show Lower Critical instead of Lower Non-Recoverable

 Impact motherboard: X11DP all platforms.

 Affected functions:

 Validation :

 1. FAN status must show "Lower Non-recoverable" when FAN failed.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_113.bin version: 1.13 Date: 02-18-2017

U-Boot build time : 2013.01 (Dec 29 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Enhancement

 Description:

 A new way for battery sensor presence. (Removing old SDR is required)

 Impact motherboard: All X11DP platforms.

 Affected functions: Change VBAT sensor type from ipmi voltage sensor to ipmi battery sensor.

 Validation :

 1. Remove the old SDR by oem command or do not preserve SDR during firmware update.

 2. The sensor status shows "Battery presence detected" if the battery voltage > 2.7V.

 3. The sensor status shows "Battery low" if the battery voltage is between 2.5V and 2.7V.

 4. The sensor status shows "Battery failed" if the battery voltage is below 2.5V.

2.

 Category: Fix

 Description:

 [77543] NO MB\_NIC\_Temp in IPMI Web GUI.

 Impact motherboard: X11DDW-L

 Affected functions:

 Validation :

 1. Please make sure your BPN of FRU1 was written correctly before.

 2. If not, please SMCIPMITool <IP> ADMIN ADMIN ipmi fru1w BPN X11DDW-L <PASSWD>

 3. After step 2, please help to issue raw 0x30 0x41 to get correct SDR file.

 4. Check sensors, this motherboard should not have MB\_NIC\_Temp sensor.

3.

 Category: Fix

 Description:

 [77479] PCI-E I2C Functionality test fail

 Impact motherboard: X11SPH-NCTPF

 Affected functions:

 Validation :

 1. Insert AOC card with the latest bios.

 2. Check the sensor.

4.

 Category: Fix

 Description:

 [77189] JL1 chassis intrusion funciton fail

 Impact motherboard: H11DSU-IN+-P

 Affected functions:

 Validation :

 1. Motherboard needs hardware modifications.

 2. Make sure the behavior of chassis intrusion is normal.

 3. The status can be reset.

5.

 Category: Fix

 Description:

 [77564] FAN moded isn't accuracy

 Impact motherboard: H11DSI-NT-P

 Affected functions:

 Validation :

 1. Check the "Fan Mode" from web gui.

6.

 Category: Fix

 Description:

 [77486] IPMI sensor readings are test fail

 Impact motherboard: H11DSU-iN+

 Affected functions:

 Validation :

 1. Check the value of the voltage sensor.

7.

 Category: Fix

 Description:

 [76782] Fan Control Function is not workable

 Impact motherboard: H11DSI-NT-P

 Affected functions:

 Validation :

 1. Confirm the fan mode with its status.

8.

 Category: Fix

 Description:

 [77523] IPMI report node power consumption too high (high current)

 Impact motherboard: X11DPT-PS

 Affected functions:

 Validation :

 1. Confirm the multi node page.

 2. Check the power consumption value is reasonable.

9.

 Category: Fix

 Description:

 [76777] IPMI sensor reading fail.

 Impact motherboard: H11DSI-NT-P

 Affected functions:

 Validation :

 1. Confirm the Sensor Readings page.

10.

 Category: Fix

 Description:

 [77537] Cannot update LCMC fw

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Confirm EC update web gui shows up when using BPN-SAS3-217BHQ-N4

11.

 category: Fix

 description:

 [74526] No AOC card sensor reading in IPMI Web

 impact motherboard: X11SPW-CTF

 affected functions:

 validation :

 1. Check AOC sensor reading in web gui.

12.

 category: Fix

 description:

 [77655] BIOS and IPMI memory slot discrepency.

 impact motherboard: All

 affected functions:

 validation :

 1. Issue this command:

 ipmitool -H <IP> -U ADMIN -P ADMIN raw 0x4 0x2 0x4 0xcc 0x0 0x6f 0x31 0xff 0x29

 2. Make sure the DIMM location is P2-DIMMC2.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_112.bin version: 1.12 Date: 02-10-2017

U-Boot build time : 2013.01 (Dec 29 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Fix

 Description:

 [76200] No NVMe SSD tab under IPMI web GUI

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Check NVMe web gui and NVMe sensor tempeature reading are present.

2.

 Category: Fix

 Description:

 [77149] Some sensor readings show as "Not Present"

 Impact motherboard: X11SPH

 Affected functions:

 Validation :

 1. Check sensor reading web gui.

3.

 Category: Fix

 Description:

 [77403] FP LED frequency fail

 Impact motherboard: X11SPH

 Affected functions:

 Validation :

 1. Do power failed test and check FP LED status if blinking.

4.

 Category: New Motherboards

 Description:

 Support X11DPU-Z

 Support X11DAI-N

 Support X11SPL\_F

 Support X11DRFR\_SN

 Impact motherboard: X11DPU-Z, X11DAI-N, X11SPL\_F and X11DRFR\_SN.

 Affected functions:

 Validation :

5.

 Category: Fix

 Description:

 [76949] No NVMe\_SSD Temp and NVMe SSD tab in IPMI Web GUI

 Impact motherboard: X11DDW

 Affected functions:

 Validation :

 1. Check NVMe temp in IPMI sensor.

6.

 Category: Fix

 Description:

 [77406] FAN mode didn't Heavy I/O mode

 Impact motherboard: H11DSI

 Affected functions:

 Validation :

 1. Check Fan Mode web gui.

7.

 Category: Fix

 Description:

 [77290] [NVMe VMD and Non-VMD mode] NVMe device can't detected on

 backplane NVMe #1 #2 #3 port

 Impact motherboard: X11SPi

 Affected functions:

 Validation :

 1. Check NVMe device shows on web gui.

 2. Check the indicate LED can be indicated.

 3. All ssd devices can be seen in OS.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_111.bin version: 1.11 Date: 01-26-2017

U-Boot build time : 2013.01 (Dec 29 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Fix

 Description:

 [76997] IPMI reading fail.

 Impact motherboard: X11SPM-F

 Affected functions:

 Validation :

 1. Check 12v sensor reading if normal at web page

2.

 Category: Fix

 Description:

 [77019] Smcipmitool pminfo command does not work.

 [77018] No Power supply reading under Power Source tab under IPMI webgui.

 Impact motherboard: X11DPi / X11DPi-T

 Affected functions:

 Validation :

 1. check power status via IPMI web or SMCIPMITool.

3.

 Category: PSU Workaround

 Description:

 [76401] The watt value of Power Meter can't meet the watt value of the platform policy.

 Impact motherboard: X11DPU

 Affected functions:

 Validation :

 1. Set power policy and check the capping result.

4.

 Category: Fix

 Description:

 [77187] IPMI Hardware Information page no any information

 Impact motherboard: X11SPM-F

 Affected functions:

 Validation :

 1. Check BMC web page.

5.

 Category: Fix

 Description:

 [77220] Multi Node Monitoring page all information is N/A

 Impact motherboard: X11SPM-F

 Affected functions:

 Validation :

 1. Check BMC web page, there should not display "Multi Node Monitoring" page.

6.

 Category: Fix

 Description:

 [77215] IPMI Web no Power Source, Power Consumption page

 Impact motherboard: X11SPM-F

 Affected functions:

 Validation :

 1. Check BMC web page.

7.

 Category: Fix

 Description:

 [76997] IPMI reading fail

 Impact motherboard: X11SPM-F

 Affected functions:

 Validation :

 1. Check BMC sensor page.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_110.bin version: 1.10 Date: 01-19-2017

U-Boot build time : 2013.01 (Dec 29 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r34

1.

 Category: Fix

 Description:

 [76265] [NVMe] Multinode page - Output current is incorrect

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Check output current if normal on multinode web page

2.

 Category: Fix

 Description:

 [76376] AOC Temp not shown

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Check the sensor status with the latest bios

3.

 Category: Fix

 Description:

 [76707] SEL Time Stamp and NTP Tim-Zone function failed.

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

 1. Check NTP Time-Zone when NTP service is enabled.

4.

 Category: Fix

 Description:

 [75962] IPMI session timed out even when KVM console redirection was opened and kept on doing same thing until I did AC cycle.

 Impact motherboard: X11DPi / X11DPi-T

 Affected functions:

 Validation :

 1. Open IKVM viewer and check if web session could time out suddenly.

5.

 Category: Fix

 Description:

 [75652] Web IPMI can't see NVMe device management function .

 Impact motherboard: X11SPi

 Affected functions:

 Validation :

 1. Open web and check if NVMe device management page shows.

6.

 Category: Fix

 Description:

 [76585] DIMM label in BMC doesn't match MB silkscreen

 Impact motherboard: All X11DP projects.

 Affected functions:

 Validation :

 1. Update FW v1.10 without SDR preservation.

 2. Check if sensor name match MB silkscreen.

7.

 Category: Fix

 Description:

 [76112] No Power Status in Sensor Readings and Power Source with IPMI 0.29

 Impact motherboard: X11DDW

 Affected functions:

 Validation :

 1. Check power status in IPMI sensor.

8.

 Category: Fix

 Description:

 [76936] System power status always show "ON" in IPMI.

 [76935] Cannot use IPMI to power on the system.

 [76934] Cannot use IPMI to power off system.

 Impact motherboard: H11DSU

 Affected functions:

 Validation :

 1. Power on/off the system.

 2. Check the power status.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_029.bin version: 0.29 Date: 01-05-2017

U-Boot build time : 2013.01 (Dec 29 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r33

1.

 Category: Fix

 Description:

 [75293] VLAN tag function of IPMI does not work.

 Impact motherboard: All X11DP projects.

 Affected functions:

 Validation :

 1. Check BMC's network ability in VLAN.

2.

 Category: Fix

 Description:

 [76516] Detect only CPU 1 memory in IPMI.

 Impact motherboard: X11DDW

 Affected functions:

 Validation :

 1. Update IPMI firmware without SDR preservation.

 2. Check IPMI sensor page.

3.

 Category: Workaround

 Description:

 [76012] SMCIPMITool bios ver command cause system reset

 Impact motherboard: X11DPi / X11DPi-T

 Affected functions:

 Validation :

 1. Check bios ver command in SMCIPMITool.

 2. System should not reboot.

 3. It's a temporarily workaround for X11DPi only and will be removed in MB's next revision which will preserve a dedicated SPI for BMC.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_028.bin version: 0.28 Date: 12-28-2016

U-Boot build time : 2013.01 (Nov 25 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r33

1.

 Category: New Motherboard

 Description:

 Support motherboard X11SPH, X11DPG-Q

 Impact motherboard: X11SPH, X11DPG-Q

 Affected functions:

 Validation :

2.

 category: Fix

 description:

 [76159] [EVT] Chassis Intrusion sensor shall be hidden

 [76120] [EVT] Extra FAN sensors were displayed, but platform only have 4 FAN ports designed

 [76069] [EVT] Vbat sensor error

 impact motherboard: X11DPT-B+

 affected functions:

 validation :

 1. Check sensor reading web gui.

3.

 category: Fix

 description:

 [74526] No AOC card sensor reading in IPMI Web

 impact motherboard: X11SPW-CTF

 affected functions:

 validation :

 1. Check AOC sensor reading in web gui.

4.

 category: Fix

 description:

 [76261] IPMI Sensor Readings issue

 impact motherboard: X11SPM-F

 affected functions:

 validation :

 1. Check FAN6 and VRM sensor reading in web gui.

5.

 category: Fix

 description:

 [76262] Fan failed LED can't work on FAN6 port

 impact motherboard: X11SPM-F

 affected functions:

 validation :

 1. Check FAN6 fan fail led.

6.

 category: Intel Workaround

 description:

 [75256] [SPM] Couldn't get value of power supply.

 impact motherboard: X11DPU+

 affected functions:

 validation :

 1. Power cycle the system.

 2. Wait the system booting to OS.

 3. Issue smcipmitool nm20 statistic 1 0 0 command.

7.

 category: Fix

 description:

 [76114] IPMI lost all sensor readings with IPMI FW 00.27 & BIOS 12-16.

 impact motherboard: X11DPi / X11DPi-T

 affected functions:

 validation :

 1. AC off the system.

 2. Install AOC-SGP-i4.

 3. AC on the system and check if IPMI sensors can show up.

 4. Just a reminder that this AOC card does not support temperature sensor.

8.

 Category: New Motherboard

 Description:

 Support motherboard H11DSI

 Impact motherboard: H11DSI

 Affected functions:

 Validation :

9.

 category: Fix

 description:

 [75687] Web IPMI can't see NVMe device management function

 [74945] IPMI sensor readings can't read NvME SSD temperature.

 impact motherboard: X11SPW-CTF

 affected functions:

 validation :

 1. Check sensor reading in web gui.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_027.bin version: 0.27 Date: 12-16-2016

U-Boot build time : 2013.01 (Nov 25 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r33

1.

 Category: Enhancement

 Description:

 Add power status check before doing BIOS update. IPMI WEB will redirect users to power control page if system is still on.

 [75965] OOB BIOS update reboot system 3 times.

 [74356] [IPMI/BIOS] Failed to upgrade BIOS with IPMI Web GUI.

 Impact motherboard: X11DPI

 Affected functions:

 Validation :

 1. Contact HW designer to rework GPION6 so that BMC firmware can utilize ME's MFR mode to flash BIOS&ME.

 2. Make sure IPMI can identify MB correctly. (E.g. check IPMI sensor reading)

 3. If a power status warning pops up, please turn off your system.

 4. Do BIOS update.

 5. Reboot system.

2.

 Category: New Motherboard

 Description:

 Support motherboard X11DPT-B+

 Impact motherboard: X11DPT-B+

 Affected functions:

 Validation :

3.

 category: fix

 description:

 [75611] MAC will be changed to after BIOS/IPMI updated and show ff:ff:ff:ff:ff:ff incorrect value on IPMIweb

 impact motherboard: x11spi

 affected functions:

 validation :

 1. update bios from IPMI web GUI.

 2. after update finish, check the share LAN MAC from system page.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_026.bin version: 0.26 Date: 12-06-2016

U-Boot build time : 2013.01 (Nov 25 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r33

1.

 Category: Fix

 Description:

 [75023] Fan PWM fail.

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Reset the system.

 2. Check the PWM0 and PWM1 are 50% or not.

2.

 category: fix

 description:

 [75669] there is no nvme tab under ipmi webgui for nvmes.

 impact motherboard: x11dpi / x11dpi-t

 affected functions:

 validation :

 1. check nvme tab.

3.

 Category: Workaround

 Description:

 [75381] CPU power consumption and frequency is very unstable after power policy is triggered.

 Impact motherboard: X11DPI / X11DPI-T

 Affected functions:

 Validation :

 1. Check PSU reading. We have speeded up query frequency.

4.

 Category: Workaround

 Description:

 [74683] Can't flash BIOS using IPMI webgui.

 [74356] [IPMI/BIOS] Failed to upgrade BIOS with IPMI Web GUI

 Impact motherboard: X11DPI / X11DPI-T

 Affected functions:

 Validation :

 1. Contact HW designer to rework GPION6 so that BMC firmware can utilize ME's MFR mode to flash BIOS&ME.

 2. Make sure IPMI can identify MB correctly. (E.g. check IPMI sensor reading)

 3. Power off the system before BIOS update. It's a system limitation on this MB since we do not support BIOS update during system on.

 4. Do BIOS update.

 5. Reboot system.

5.

 Category: Workaround

 Description:

 Workaround for Intel 10G series shared LAN NIC issues.

 [75601] The local IPMI IP address can not be pinged by shared LAN 1.

 [74776] IPMI Power Control cause IPMI disconnection.

 [73413] System X11DPI-T failed IPMI on/off after 282 cycles.

 Impact motherboard: X11DPI / X11DPI-T

 Affected functions:

 Validation :

 1. Switch BMC to shared LAN mode.

 2. ping BMC IP.

 3. Remote system power off via IPMI.

 4. ping BMC IP again.

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_025.bin version: 0.25 Date: 11-25-2016

U-Boot build time : 2013.01 (Nov 25 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r32

1.

 Category: Fix

 Description:

 [75412] NO Onboard 10/40Gb LAN shows on the IPMI Sensor readings.

 Impact motherboard: X11DPI

 Affected functions:

 Validation :

 1. Check IPMI sensor.

2.

 Category: Fix

 Description:

 [75159] IPMIView cannot flash IPMI firmware.

 Impact motherboard: All X11DP platforms.

 Affected functions:

 Validation :

 1. Waiting for new IPMIView release to support X11DP IPMI Firmware update.

3.

 Category: Fix

 Description:

 [75157] SMCIPMITool cannot flash IPMI firmware

 Impact motherboard: All X11DP platforms.

 Affected functions:

 Validation :

 1. Waiting for new SMCIPMITool release to support X11DP IPMI Firmware update.

4.

 Category: Fix

 Description:

 [73002] No add-on card sensor reading in IPMI Web

 Impact motherboard: All X11DP platforms.

 Affected functions:

 Validation :

 1. Insert riser card and add-on card

 2. AC on and enter sensor page

 3. Check sensors for riser card and add-on card

5.

 Category: Fix

 Description:

 [73132] IPMI [Help] message description no follow guideline rule

 Impact motherboard: All X11DP platforms.

 Affected functions:

 Validation :

 1. AC on and click help message

 2. Check for each sub item, the description should start with 'This

 page ...'

6.

 Category: Fix

 Description:

 [73319] Some sensor sometimes cannot be detected and show "N/A"

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. AC on and enter sensor page

 2. VBAT voltage should be correct

7.

 Category: Fix

 Description:

 [75023] Fan PWM fail

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. AC on and enter sensor page

 2. Under optimal/heavy\_IO fan mode, heat up one CPU should not affect

 the fan speed of the other zone

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_024.bin version: 0.24 Date: 11-11-2016

U-Boot build time : 2013.01 (Oct 20 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r32

1.

 Category: Fix

 Description:

 Suppoty NVMe feature.

 Impact motherboard: X11DPU+, X11DPU-X, X11DPU-XLL

 Affected functions:

 Validation :

 1. Check the web, it should have NVMe SSD page.

2.

 Category: New Motherboard

 Description:

 Support H11DSU motherboard

 Impact motherboard: H11DSU

 Affected functions:

 Validation :

3.

 Category: Enhancement

 Description:

 [74941] IPMI Power Control page ACPI State cannot sync up update when power control by iKVM.

 Impact motherboard: All X11DP platforms.

 Affected functions:

 Validation :

 1. Check power control page.

4.

 Category: Fix

 Description:

 [74817] IPMI webgui does not show HTML under Remote Control tab.

 Impact motherboard: All X11DP platforms.

 Affected functions:

 Validation :

 1. Check if iKVM/HTML5 tab is present in Remote Control Category.

5.

 Category: Fix

 Description:

 [75023] Fan PWM fail

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Check FAN Mode options.

6.

 Category: Fix

 Description:

 [75066] Node Management not support

 Impact motherboard: X11DRT-PS

 Affected functions:

 Validation :

 1. Issue the following commmand and the NM result should be displayed.

 .\SMCIPMITool.exe {BMC\_IP} ADMIN ADMIN nm20 statistics 1 0 0

-----------------------------------------------------------------------------------

Filename: SMT\_X11DP\_023.bin version: 0.23 Date: 10-28-2016

U-Boot build time : 2013.01 (Oct 20 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r31

1.

 Category: Fix

 Description:

 [74638] DIMMs names do not match under IPMI Sensor readings to mb Silkscreen.

 Impact motherboard: X11DPI 1.02

 Affected functions:

 Validation :

 1. Check DIMM temperature sensors.

2.

 Category: Fix

 Description:

 [74759] Single cooling zone should not have optimal fan mode

 Impact motherboard: X11SPW-CTF

 Affected functions:

 Validation :

 1. Check Fan mode.

3.

 Category: Fix

 Description:

 [74384] IPMI H/W monitor test fail.

 Impact motherboard: X11SPW-CTF

 Affected functions:

 Validation :

 1. Check VCPU and VDIMM in sensor page.

4.

 Category: Fix

 Description:

 [74022] [IPMI]Wrong sensor reading for PCH and Vmem Temp

 Impact motherboard: X11DPT-PS

 Affected functions:

 Validation :

 1. Check VCPU and VDIMM in sensor page.

5.

 Category: Fix

 Description:

 [73319] Some sensor sometimes cannot be detected and show "N/A"

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Open sensor page and check vrm sensor.

6.

 Category: Fix

 Description:

 [71549] Can't trigger CPU thermal trip

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Open event page and trigger thermal trip

 2. Check the event order between throttling & thermal trip

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_022.bin version: 0.22 Date: 10-14-2016

U-Boot build time : 2013.01 (Sep 23 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r31

1.

 Category: Fix

 Description:

 [74172] [IPMI]Failover function don't work well

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. Make sure dedicated and shared LAN are plugged with LAN cable.

 2. Web GUI can be accessed from dedicate LAN.

 3. Change the LAN type to shared LAN.

 4. Check the Web GUI, it shoudl be functional from shared LAN.

2.

 Category: Fix

 Description:

 [74026] [IPMI]DHCP function not work well

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. BMC ip setting is from DHCP by default.

 2. The lan connected to 172.16.x.x network.

 3. Replug the LAN cable to 172.31.x.x network.

 4. Use "ipmitool lan print". The bmc ip should become 172.31.x.x.

3.

 Category: Fix

 Description:

 [73599] No Add-on card sensor reading in IPMI Web

 Impact motherboard: X11SPi

 Affected functions:

 Validation :

 1. The installed AOC card temp should be seen in sensor reading page.

4.

 Category: Fix

 Description:

 [73704] No sensor item in IPMI Sensor page

 Impact motherboard: X11SPW

 Affected functions:

 Validation :

 1. Open sensor page and check vrm sensor.

5.

 Category: Fix

 Description:

 [74274] IPMI Memory sensor name is not meet silkscreen

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Open sensor page and check DIMM name.

6.

 Category: Fix

 Description:

 [71637] IPMI LAN LED is incorrect.

 Impact motherboard: All X11 Purley-based platforms.

 Affected functions:

 Validation :

 1. Check Dedicated LAN link LED. (Amber: 1G, Green: 100M)

7.

 Category: Fix

 Description:

 [74356] [IPMI/BIOS] Failed to upgrade BIOS with IPMI Web GUI.

 Impact motherboard: X11DPi Rev 1.02

 Affected functions:

 Validation :

 1. Try BIOS update. (MB has to run ESPI-flash-write enabled BIOS version before verifying this bug)

 2. Due to ESPI hardware limitation, the entire update process could be slower than other platforms if you want to preserve NVRAM.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_021.bin version: 0.21 Date: 09-30-2016

U-Boot build time : 2013.01 (Sep 23 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r31

1.

 Category: Fix

 Description:

 Chassis intrusion sensor N/A issue on some specific platforms.

 [72917] IPMI sensor readings are incorrect.

 Impact motherboard: X11DPi Rev1.02 / X11SPi

 Affected functions:

 Validation :

 1. Check chassis intrusion sensor.

2.

 Category: Fix

 Description:

 [73762] BMC somtimes will crash after AC cycle.

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

3.

 Category: Fix

 Description:

 [73112] X11DPI-T Rev 1.02 couldn't boot up after 28 cycles of AC on/OFF with Dedicated Lan.

 Impact motherboard: X11DPi Rev1.02

 Affected functions:

 Validation :

 1. Run AC on/off test and check if BMC heartbeat is still blinking.

4.

 Category: Fix

 Description:

 [73137] No Memory Temp item in IPMI Sensor Reading page

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Enter Sensor Readings page.

 1. The DIMM SDR should be present.

5.

 Category: Fix

 Description:

 [73865] IPMI FAN detection is fail

 Impact motherboard: X11SPW-CTF

 Affected functions:

 Validation :

 1. Enter Sensor Readings page.

 2. Check FAN sensor

6.

 Category: Fix

 Description:

 [73943] IPMI WebGUI no Hardware Information page

 Impact motherboard: All X11 DP.

 Affected functions:

 Validation :

 1. Check Hardware Information page exists.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_020.bin version: 0.20 Date: 09-14-2016

U-Boot build time : 2013.01 (Jul 22 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r29

1.

 Category: FW release

 Description:

 Support X11SPW-CTF

 Impact motherboard: X11SPW-CTF

 Affected functions:

 Validation :

 1. Support X11SPW-CTF

2.

 Category: Fix

 Description:

 [73622] IPMI [Help] message description no follow guideline rule

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. enter web GUI

 2. check each help page and they should have followed guideline rules

3.

 Category: Fix

 Description:

 Improve Dedicated LAN functionality for solving IPMI on/off test failure.

 [73413] System X11DPI-T failed IPMI on/off after 282 cycles.

 [73246] IPMI ON/OFF Stress Test stopped at 22th cycle.

 [72572] System failed to power on when running dedicated LAN IPMI on/off at the 293th cycle.

 [72485] AC on/off stopped with "BMC DOES NOT HAVE A VALID IP ADDRESS " error message after one cycle .

 Impact motherboard: All X11 DP.

 Affected functions:

 Validation :

 1. Run power on/off test via IPMI.

4.

 Category: Fix

 Description:

 [73678] iKVM Reset function is fail

 Impact motherboard: All X11 DP.

 Affected functions:

 Validation :

 1. Try IKVM reset feature.

5.

 Category: Fix

 Description:

 [73458] IPMI Web GUI stucked during BIOS update

 [72839] [IPMI]BIOS upload failed by web gui and SUM

 Impact motherboard: X11DRT-PS, X11SPi

 Affected functions:

 Validation :

 1. upgrade BIOS from IPMI Web GUI.

 2. check the BIOS should be upgraded.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_019.bin version: 0.19 Date: 09-02-2016

U-Boot build time : 2013.01 (Jul 22 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r29

1.

 Category: Enhancement

 Description:

 Add new version of CPLD query for Thermal Trip and Processor hot event logs.

 Impact motherboard: All X11DP or AST2500-Based X11UP.

 Affected functions:

 Validation :

 1. Please contact HW tram for installing CPLD code on your platforms otherwise no IPMI event

 can be recorded for thermal trip or processor hot.

 2. Test thermal trip and processor hot events.

2.

 Category: Fix

 Description:

 [73358] No CPLD version show up under BIOS Setup Menu and IPMI WebGUI

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. enter the System page:

 2. CPLD version should show up.

3.

 Category: Fix

 Description:

 [73104] Fan Pulse-Width-Modulation Measurement fail

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. enter the Sensor Readings page:

 2. Heat the memory, the fan duty cycle will change.

4.

 Category: Fix

 Description:

 [73036] FAN1-4 did not run heavy I/O mode

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. enter the Fan Mode page

 2. Select HeavyIO mode & save

 3. enter Sensor Readings page

 4. the fans speed of different zone should be the same or close

5.

 Category: Fix

 Description:

 [73059] IPMI hardware monitor check fail

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. enter Sensor Readings page

 2. the CPU voltage should be close to 1.8V~1.9V

6.

 Category: Fix

 Description:

 [73132] IPMI [Help] message description no follow guideline rule

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. enter web GUI

 2. check each help page and they should have followed guideline rules

7.

 Category: Fix

 Description:

 [73317] Adupdate.exe upgrade IPMI FW time is too long and over 30 mins

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. update firmware by Adupdate.exe

 2. the time cost should be about 25 mins

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_018.bin version: 0.18 Date: 08-19-2016

U-Boot build time : 2013.01 (Jul 22 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r29

1.

 Category: Fix

 Description:

 [72721] Network connection lost after changing LAN interface in IPMI Web GUI from "failover" to "dedicate"

 [72915] IPMI MAC address didn't change immediately after I modify it by IPMICFG

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. enter configuration page: network

 2. change lan mode from failover to dedicate and will not lost connection.

 3. change lan mac by ipmicfg would be success.

2.

 Category: Fix

 Description:

 [73104] Fan Pulse-Width-Modulation Measurement fail

 [73103] IPMI Hardware Monitor Check fail

 [72917] IPMI sensor readings are incorrect

 Impact motherboard: X11SPi

 Affected functions:

 Sensor.

 Validation :

 1. Check sensor reading.

3.

 Category: Fix

 Description:

 [72554] [IPMI]Multi Node function not work

 Impact motherboard: X11DPT-PS

 Affected functions:

 Multi-node function.

 Validation :

 1. Check multi-node info.

4.

 Category: Fix

 Description:

 [72926] Cannot upgrade BIOS by IPMI WebGUI

 Impact motherboard: X11DPU+

 Affected functions:

 BIOS update.

 Validation :

 1. Update BIOS from IPMI Web GUI.

 2. BIOS should be upgraded without problem.

5.

 Category: Fix

 Description:

 [72811] Cannot upgrade IPMI FW by Adupdate.exe

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. Enter DOS.

 2. Execute adupdate.

6.

 Category: Fix

 Description:

 [72999] Does it support PUE and GPU fan speed mode

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Enter web page 'fan mode.'

 2. Check supported mode.

7.

 Category: Fix

 Description:

 [71549] Can't trigger CPU thermal trip

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Heat up system CPU until it shutdown.

 2. Check web page 'Event Log.'

 3. Event 'Thermal Trip' should be there.

8.

 Category: Fix

 Description:

 [73122] IPMI WebGUI Configuration page display in abnormal

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_018.bin version: 0.18 Date: 08-19-2016

U-Boot build time : 2013.01 (Jul 22 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r29

1.

 Category: Fix

 Description:

 [72721] Network connection lost after changing LAN interface in IPMI Web GUI from "failover" to "dedicate"

 [72915] IPMI MAC address didn't change immediately after I modify it by IPMICFG

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. enter configuration page: network

 2. change lan mode from failover to dedicate and will not lost connection.

 3. change lan mac by ipmicfg would be success.

2.

 Category: Fix

 Description:

 [73104] Fan Pulse-Width-Modulation Measurement fail

 [73103] IPMI Hardware Monitor Check fail

 [72917] IPMI sensor readings are incorrect

 Impact motherboard: X11SPi

 Affected functions:

 Sensor.

 Validation :

 1. Check sensor reading.

3.

 Category: Fix

 Description:

 [72554] [IPMI]Multi Node function not work

 Impact motherboard: X11DPT-PS

 Affected functions:

 Multi-node function.

 Validation :

 1. Check multi-node info.

4.

 Category: Fix

 Description:

 [72926] Cannot upgrade BIOS by IPMI WebGUI

 Impact motherboard: X11DPU+

 Affected functions:

 BIOS update.

 Validation :

 1. Update BIOS from IPMI Web GUI.

 2. BIOS should be upgraded without problem.

5.

 Category: Fix

 Description:

 [72811] Cannot upgrade IPMI FW by Adupdate.exe

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. Enter DOS.

 2. Execute adupdate.

6.

 Category: Fix

 Description:

 [72999] Does it support PUE and GPU fan speed mode

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Enter web page 'fan mode.'

 2. Check supported mode.

7.

 Category: Fix

 Description:

 [71549] Can't trigger CPU thermal trip

 Impact motherboard: X11DPU+

 Affected functions:

 Validation :

 1. Heat up system CPU until it shutdown.

 2. Check web page 'Event Log.'

 3. Event 'Thermal Trip' should be there.

8.

 Category: Fix

 Description:

 [73122] IPMI WebGUI Configuration page display in abnormal

 Impact motherboard: All X11DP

 Affected functions:

 Validation :

 1. Enter any web page in 'Configuration'

 2. the page should be normally displayed

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_017.bin version: 0.17 Date: 07-22-2016

U-Boot build time : 2013.01 (Jul 22 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r29

1.

 Category: FW release

 Description:

 Support X11SPi-TF

 Impact motherboard: X11SPi-TF

 Affected functions:

 Validation :

 1. Enable IPMI function in BIOS setup menu.

2.

 Category: Fix

 Description:

 [72283] [X11DPT-PS] CPU sensor reading error.

 Impact motherboard: X11DPT-PS

 Affected functions:

 CPU sensor.

 Validation :

 1. Check CPU sensor reading.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_016.bin version: 0.16 Date: 06-24-2016

U-Boot build time : 2013.01 (Jun 17 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r29

1.

 Category: Fix

 Description:

 [71637] IPMI LAN LED is incorrect.

 Impact motherboard: All X11DP motherboards.

 Affected functions:

 Dedicated LAN LED.

 Validation :

 1. Check LAN LED's blinking when system is on.

2.

 Category: Fix

 Description:

 [71514] KVM console resolution is incorrect.

 Impact motherboard: All X11DP motherboards.

 Affected functions:

 Console Redirection.

 Validation :

 1. Change host OS resolution.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_015.bin version: 0.15 Date: 05-29-2016

U-Boot build time : 2013.01 (Mar 25 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r29

1.

 Category: New Feature

 Description:

 Use new image signature in following firmware versions.

 Impact motherboard: All X11DP motherboards.

 Affected functions:

 Firmware update function is affected.

 This version cannot be upgraded from older versions by any kind of UI.

 Users cannot downgrade BMC FW to older versions neither if they are using this version.

 Validation :

 1. Update this version by SPI flash programmer and then run IPMI tests.

2.

 Category: Fix

 Description:

 Enable RMII1 50MHz RCLK output for enabling NCSI on X11DP.

 Impact motherboard: All X11DP motherboards.

 Affected functions:

 Share LAN.

 Validation :

 1. Conduct share LAN tests.

3.

 Category: Enhancement

 Description:

 Improve IPMB communication between BMC and ME. (SMLINK0)

 Impact motherboard: All

 Affected functions:

 Validation :

 1. Conduct ME tests via BMC.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_014.bin version: 0.14 Date: 03-24-2016

U-Boot build time : 2013.01 (Feb 01 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r24

1.

 Category: FW release

 Description:

 Improve several functions for IPMB, mouse cursor, sensors and BIOS update.

 Impact motherboard: All X11DP motherboards.

 Affected functions:

 Validation :

 1. Run IPMI tests.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_013.bin version: 0.13 Date: 03-04-2016

U-Boot build time : 2013.01 (Feb 01 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r24

1.

 Category: FW release

 Description:

 Support X11DRT-PS

 Impact motherboard: X11DRT-PS

 Affected functions:

 Validation :

 1. Enable BMC function in BIOS setup menu.

2.

 Category: New Feature

 Description:

 Support Thermal Trip features.

 Impact motherboard: All X11 DP motherboards.

 Affected functions:

 Validation :

 1. Conduct thermal related tests.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_012.bin version: 0.12 Date: 02-19-2016

U-Boot build time : 2013.01 (Feb 01 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r24

1.

 Category: FW release

 Description:

 Support X11DRI/X11DRI-T and X11DRU+

 (Please do not use this version to verify X11SRE)

 Impact motherboard: X11DRI/X11DRI-T and X11DRU+

 Affected functions:

 Validation :

 1. Enable BMC function in BIOS setup menu.

 2. Check sensor readings.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_011.bin version: 0.11 Date: 01-29-2016

U-Boot build time : 2013.01 (Jan 20 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r24

1.

 Category: Fix

 Description:

 [68706] IPMI can't work.

 Impact motherboard: X11SRE

 Affected functions:

 Validation :

 1. Enable 'BMC Support' in BIOS setup menu.

 2. Run 'ipmicfg -m' command.

2.

 Category: Fix

 Description:

 [68384] IPMI sensors function not ready.

 Impact motherboard: X11SRE

 Affected functions:

 Validation :

 1. Boot up system.

 2. Monitor sensor readings from WebUI or ipmitool.

-------------------------------------------------------------------------------

Filename: SMT\_X11DP\_010.bin version: 0.10 Date: 01-08-2016

U-Boot build time : 2013.01 (01 08 2016)

Java SOL Viewer version : v0.5.11

Java iKVM Viwer version : v1.69 r24

1.

 Category: FW release

 Description:

 First release.

 Impact motherboard: X11SRE

 Affected functions:

 Validation :

 1. Support new mother board.

------------------------------------------------------------------------------