IPMI Firmware Release Notes

Product Name	X13SEW-F/TF
Release Version	01.00.52
Build Date	4/21/2023
Previous Version	01.00.43
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Renamed M2 SSD temperature sensor according to Supermicro_BMC_Sensor_Naming_Guildeline_2.3_Draft_20221122.xlsx. 2. Better compatibility with IPMIECO TC0002, 2036, TC2063, and TC2076. 3. Syslog packet did not follow RFC3164 Copy Project Issue Link. 4. GPIO interrupt handling improvement. 5. Modified Dedicated Link options: Added 1G Full and removed 10M Half/Full. 6. Refactor restart_cfgd flow. 7. Changed host interface MAC to EUI-48 in default. This will prevent the host OS from reading the global MAC as the host interface.

New features	N/A
Fixes	1. MEL log description did not match SNMPv3 Auth Protocol/ Private Protocol. 2. Successfully deleting IPv6 DNS will always create an "IPV6 DNS server 0:0:0:0:0:0:0:0 was deleted unsuccessfully" entry in the Maintenance Event Log. 3. Radius packet did not follow RFC2865. 4. Host name can fill the 64 characters on BMC WebUI. 5. webGUI GPU tab info feature broken in 01.00.50. 6. U2_SSD temperature does not reflect the hottest sensor reading on IPMI. 7. Redfish -- Get BootOptions Failed on Redfish with Status Code 404. This feature is broken since 01.00.46. 8. Event Log lacks MEL ID when removed from the task list item.

1.00.43 (1/31/2023)

1. Uploaded wrong "SAS3916" firmware file, should not enter update process.
2. Removed sensor "PMEM Temp" on X13SEW and X13SEI by PM's request.
3. Compatible with X13SEW BIOS FWUP 1.0a
4. Can't get system log on syslog.
5. WebGUI CPU Speed info feature broken in 01.00.39.
6. Disabled TLSv1.0 and TLSv1.1.

1.00.28 (11/3/2022)

1. Enhanced emmc clock to reduce frequency from 25MHz to 20MHz.
2. Cloned bmc active image to GOLDEN partition for performance improvement.
3. Fixed issue with SUMECO TC5003.
4. Fixed issue with webGUI MB cpld fwUP.
5. Fixed the issue with UID pattern during BIOS fwUP.
6. Fixed the string display over range issue with "Update Firmware" for Japanese language.
7. Fixed problem with LED patterns.
8. Fixed issue with incorrect file for webGUI bmc|bios fwUP.
9. Fixed a UI crash when using webGUI -> Maintenance -> Task List.
10. Fixed issue with fan speed threshold not following specification for X13SEW-TF MB.
11. Fixed issue with fan speed threshold not following specification for X13SEW MB.
12. Fixed issue with BMC logging abnormal SEL during NVMe drive stress and system IDLE test.
13. Fixed issue with IMGIMA image being shown as a selectable choice when ISO image is mounded in Device 1 under lkvm.
14. Fixed issue with showing many OEM-type logs in IPMI SEL after enabling "Enhanced PPR" function.

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Product Manager   *Date*