IPMI Firmware Release Notes

Supermicro disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade. All products, computer systems, dates, and figures specified are preliminary based on current expectations, and are subject to change without notice. Supermicro and the Supermicro logo are trademarks of Super Micro Computer, Inc. in the U.S. and/or other countries. Copyright © 2018 Super Micro Computer, Inc. All rights reserved.

Product Name	**X10SL7-F and X10SLL+-F**
Release Version	**3.86**
Release Date	**11/15/2019**
Previous Version	**3.72**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. Merged X11 SMASH overflow and rearrange method. 2. Patched CVE-2019-6260. 3. Migrated IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and renamed the function name from "Event Log" to "System Management Log" in Redfish & Web UI. 4. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility. 5. Changed FirmwareInventory to SmcFirmwareInventory to prevent conflict with Redfish standard definition.
New features	1. Added BMC firmware solution to program and store unique pre-programmed password. 2. Added parameter (SkipCheckingME) for BIOS update in Redfish. 3. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish. 4. Added GUID/BoardID in Redfish. 5. Added event data extension in Redfish. 6. Added support for Redfish TaskMonitor.

	7. Implemented Redfish APIs for SSM / SUM.
Fixes	1. Allow modifying username with space.
	2. Corrected iKVM display of "Virtual Media".
	3. Corrected inability to launch SOL window.
	4. Corrected formatting of display when logging in with long AD name.
	5. Allow setting port number after changing the VM port.
	6. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.
	7. Corrected sensor readings after sort.
	8. Corrected inability to add AD group name and domain in SMCIPMITool.
	9. Allow opening Java IKVM when domain name is used to login to BMC.
	10. Fixed malfunction of KCS, sensor reading, and some commands.
	11. Allow opening the 4th IKVM session in Redfish.
	12. IPMI BMC/Onboard LAN MAC no longer shows 00:00:00:00:00:00.
	13. Show consistent IP addresses on System page.
	14. Change SNMP behavior identical to X11.
	15. Corrected inconsistencies in BMC MAC address format.
	16. Power consumption history no longer shows minimum power as 0W.
	17. Corrected miscellaneous typos.
	18. Improved email function.
	19. Allow deleting Role Groups in Active Directory page.
	20. Corrected timeout of Invalid Default Active Directory.
	21. Corrected Upload button behavior for floppy disk virtual media after unmounting a file.
	22. Multi-language support of iKVM/HTML5 console help page.