

Notes to Release Notes Authors

- All fields must be completed; please indicate as “N/A” if not applicable.
- Release Notes should document functional changes, dependencies, bug fixes and added features.
- Release Notes must not mention the methods of implementation and/or internal processes.
- Release Notes must not mention of silicon errata and/or other external causations.
- Release Notes must not mention confidential/proprietary information and/or trade secrets of Supermicro or any third party.
- Please delete this page and the signature fields before submitting the document in PDF Format to Marketing for publication.

BIOS Release Notes Form

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	X11QPH+
Release Version	3.5
Release Date	06/18/2021
Previous Version	3.4
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	1. Changed BIOS revision to 3.5. 2. Updated 5.14_PurleyCrb_0ACLA053 for RC update and 2021.1 IPU PV. 3. Updated Skylake-SP/Cascade Lake-SP CPU PC microcode from IPU2021.1. 4. Updated SPS 04.01.04.505. 5. Updated Intel BIOS ACM Firmware to v1.7.43 (20201216) and SINIT ACM Firmware to v1.7.4A (20201216).
New features	N/A
Fixes	N/A

Release Notes from Previous Release(s)

3.4(11/04/2020)

1. Changed BIOS Revision to 3.4.
2. Updated 5.14_PurleyCrb_OACLA052 for RC update and 2020.2 IPU PV to address Intel-TA-00358: CVE-2020-0587 (6.7, Medium), CVE-2020-0591 (6.7, Medium), CVE-2020-0592 (3, Low), and Intel-TA-00390: CVE-2020-0593 (4.7, Medium), CVE-2020-8738 (7.5, High), CVE-2020-8739 (4.6, Medium), CVE-2020-8740 (6.7, Medium), and CVE-2020-8764 (8.7 High) security issues.
3. Updated Skylake-SP/Cascade Lake-SP CPU PV microcode from 20200918_NDA Release to address Intel-TA-00381: CVE-2020-8696 (2.5, Low) security issue, MD_Clear Errata, MOB Speedpath, and IRR Restore with RS Throttle (ITR #2).
4. Updated SPS 4.1.4.423 to address Intel-TA-00391: CVE-2020-8755 (4.6, Medium) and CVE-2020-8705 (7.1, High) security issues.
5. Updated Intel BIOS ACM firmware to v1.7.41 (20200406) and SINIT ACM Firmware to v1.7.49 (20200406).

3.3a (7/23/2020)

1. Prevented duplicate NVMe boot options.
2. Changed BIOS Revision to 3.3a.
3. Updated Skylake-SP/Cascade Lake-SP CPU microcode from Intel-Restricted-2020-1-IPU.
4. Fixed inability of BIOS to load default when plugging in M.2.
5. Fixed CentOS boot item.
6. Fixed malfunction of secure erase when using SUM.

3.3 (2/25/2020)

1. Changed BIOS Revision to 3.3.
2. Updated Intel Server Platform Services 4.1.4.381 for Purley-Refresh Platforms.
3. Updated Intel Reference Code to IPU2020.1 Rev: RC0602.D02.
4. Updated Intel BIOS ACM Firmware to v1.7.40(20190909) and SINIT ACM Firmware to v1.7.48(20191029).
5. Changed patrol scrub from uncorrectable to correctable errors.
6. Updated RSTe VMD/SATA/sATA driver to v6.2.0.1034.
7. Updated Intel Xeon microcode for Skylake-EP.
8. Added Cascade Lake Server B0 stepping CPU support.
9. Added Cascade Lake Server B1 stepping CPU support.
10. Added support for SMC HDD Security password erase and reset.
11. Added Driver Health support.
12. Added PPR test result to the System Event Log.

3.2a (1/24/2020)

1. Changed BIOS Revision to 3.2a.
2. Updated SUM with CPU 3/4 VMD configuration.
3. Changed BIOS config XML output to fix issue with Micron devices.

3.2 (11/19/2019)

1. Changed BIOS Revision to 3.2.
2. Disabled ADDDC/SDDC and set PPR as hPPR by Intel's suggestion for memory error.
3. Keep GPP_B6 high for the reboot issue.
4. Fix for changing next boot device with ipmitool. (IssueID=103477).
5. Fix for Enhanced PPR function hang issue (IssueID=102886).