

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.
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IPMI Firmware / BIOS Release Notes Form

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Product Name	X11QPH
Release Version	2.1
Release Date	7/23/2018
Previous Version	2.0c
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.2. Changed BIOS version to 2.1.3. Updated RSTe VMD/SATA/sSATA Driver to Production Version v5.4.0.1039.4. Updated Redriver Value for AOC-4UR66-i4XTF.5. Added AOC-SLG3-4E4T Auto-Bifurcation Support for Riser RSC-S4-A6688 (Slot2 and Slot4).6. Added support for AOC-QLE2672 Under 4G for PXE Boot.7. Set the Maximum Power Supply Unit to 4 for 4U System.8. Enabled the Jumperless BIOS Flash feature.9. Updated the BIOS Update Flash Utility.
New features	N/A

Fixes	<ol style="list-style-type: none"><li data-bbox="492 149 1403 241">1. Fixed inability of RSC-S4R-A66888 Slot2 to display correctly on BIOS setup page.<li data-bbox="492 262 1370 300">2. Fixed malfunctioning of BIOS setup option "Wait for F1 If Error".
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Release Notes from Previous Release(s)

2.0c (2/23/2018)

- 1. Changed BIOS revision to 2.0c.*
- 2. Updated Intel Xeon microcode for Skylake-EP.*
- 3. Removed BIOS time stamp from main BIOS setup page.*

Product Manager

Date