

# IPMI Release Notes Form

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<b>Product Name</b>	<b>X12DGU</b>
<b>Release Version</b>	<b>2.1 SPS: 4.4.4.603</b>
<b>Build Date</b>	<b>08/07/2024</b>
<b>Previous Version</b>	<b>1.5 SPS: 4.4.4.301</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Updated kernel to 5.22_WhitleyCrb_0ACMS_ICX_079_BETA (2024.3 IPU).</li><li>2. Applied AMI SA50232 to address the security vulnerabilities listed below:<ol style="list-style-type: none"><li>1. CVE-2023-45236 Use of a Weak PseudoRandom Number Generator (Risk Level : 5.8).</li><li>2. CVE-2023-45237 Predictable TCP Initial Sequence Numbers (ISNs) Generated by the TCP/IP Stack (Risk Level : 5.3).</li></ol></li><li>3. Applied SA50218 supplement (Vulnerability In EDK2 NetworkPkg).</li><li>4. Applied SA50230 supplement (Image Parser Corruption Vulnerability).</li><li>5. For SA50243 (CVSS3.1 (7.5, High)), fixed how the UsbRtSmm module had a TOCTOU vulnerability.</li><li>6. Enhanced ErstWriteErrorRecord () and ErstReadErrorRecord () for security vulnerabilities.</li></ol>

Fixes	<ol style="list-style-type: none"> <li>1. Resolved IPMI PXE boot fails after installing OS.</li> <li>2. Resolved how the boot order could not be adjusted by AMI SCE.</li> </ol>
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*Release Notes from Previous Release(s)*

**1.5 SPS: 4.4.4.301 (03/07/2023)**

1. Update BIOS revision to 1.5.
2. Update 5.22\_WhitleyCrb\_0ACMS\_ICX\_075 Intel 2023.2 IPU-PV, please check header for firmware revisions.
3. Pull high GPP\_C10\_FM\_PCH\_SATA\_RAID\_KEY first before VROC key detection.
4. Fixed system hang on 0xA9 after setting MMCFG base to 1.5G and 1.75G.
5. Fixed the SUM TC: 2020 test fail problem

Product Manager

Date