

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DPG-SN</b>
<b>Release Version</b>	<b>2.2</b>
<b>Release Date</b>	<b>10/31/2018</b>
<b>Previous Version</b>	<b>2.1</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>N/A</b>
<b>Enhancements</b>	<b>1. Updated BIOS version to 2.2. 2. Updated RSTe package to v.5.5.0.1028.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Fixed problem of NVIDIA P4 GPU Loss function after flashing BIOS v2.1.</b>

*Release Notes from Previous Release(s)*

**2.1 (9/17/2018)**

- 1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*
- 2. Changed BIOS revision to 2.1.*
- 3. Added code to program CPLD for backplane detection.*
- 4. Updated Intel code to correct issue with NVIDIA P2P bandwidth.*
- 5. Fixed inability to execute UEFI PXE boot with AOC-MGP-i2 and added i350 UEFI Option ROM for X11DPG-SN.*
- 6. Fixed failures of Test Case 220 and 308 Test.*