## **IPMI Firmware / BIOS Release Notes Form**

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Product Name	X11DPS-RE
Release Version	2.1a
Release Date	10/3/2018
<b>Previous Version</b>	2.1
<b>Update Category</b>	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated the RSTe revision to 5.5.0.1028.
	2. Enhanced the BIOS secure flash upgrade feature (firmware
	signature).
New features	N/A
Fixes	1. Fixed the 50-second delay when booting into UEFI shell, DOS, and
	,
	various Operating Systems (OS).
	2. Fixed DMI writing error with full memory DIMM and ruler NVMe SSD
	plugged in.

## Release Notes from Previous Release(s)

## 2.1 (7/18/2018)

- 1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.
- 2. Enabled BIOS secure flash upgrade feature (firmware signature).
- 3. Added security signature feature for IPMI BIOS Upgrade.
- 4. Implemented RSD feature.
- 5. Fixed inability of system to detect SATA device when the PCH is very hot.