

IPMI Firmware / BIOS Release Notes Form

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Product Name	X9DR3-LN4F+/X9DRI-LN4F+
Release Version	3.4 SPS: 2.1.7.328
Release Date	11/20/2019
Build Date	11/20/2019
Previous Version	3.3
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated SINIT ACM 2.5.1 (20191031) for IPU 2019.2 Intel-SA00240 (CVE-2019-0151 CVSS 3.1: 7.5 High). 2. Updated CPU microcode from Intel-Generic-Microcode-20190618_NDA for Intel-SA-00233 (CVE-2018-12126 CVSS 3.1: 6.5 Medium, CVE-2018-12127 CVSS 3.1: 6.5 Medium, CVE-2018-12130 CVSS 3.1: 6.5 Medium, and CVE-2019-11091 CVSS 3.1: 3.8 Low).
New features	N/A
Fixes	1. Fixed problem of multiple identical cards getting incorrect values. 2. Fixed occurrence of PRAD AE_NOT_FOUND in dmesg.

Release Notes from Previous Release(s)

3.3 (7/12/2018)

- 1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 and CVE-2018-3640) security issue.*