

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11DPFR-S(N)
Release Version	2.1
Release Date	7/13/2018
Previous Version	2.0b
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue. 2. Updated 5.12_PurleyCrb_0ACFD088Beta for Purley Skylake platform PLR7, BKC 2018 WW20. 3. Corrected default setting for Enable SmcBusMasterEn setup item. 4. Added hidden item "Early Console Logo". 5. Updated BIOS ACM 1.3.7 and SINIT ACM 1.3.4.
New features	N/A
Fixes	1. Fixed problem of Ctrl + Alt + Del causing system to hang after flashing BIOS. 2. Fixed problem of SUM GetSataInfo showing incorrect "Configuration Type" when setting "Configure sSATA as" to "AHCI" or

	<p>"RAID" on sSATA controller.</p> <p>3. Fixed problem of the NVMe drivers not showing temperature and ejecting when only one CPU is installed and AOC-SLG3-2E4T is on CPU1 RP1.</p> <p>4. Fixed problem of DMI being cleared when running SUM UpdateBios.</p>
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Release Notes from Previous Release(s)

2.0b (2/24/2018)

- 1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.*
- 2. Changed maximum speed in SMBIOS type 4 to 4500Mhz.*
- 3. Added support for AOC-SLG3-2E4T only for two NVMe drives.*
- 4. Added support for System Firmware Progress System Firmware Progress feature.*
- 5. Added support for BPN-SAS3-F424-A6N4 panel for six NVMe drives.*
- 6. Fixed inability of some CPUs to display correct microcode revision under BIOS setup menu.*