

IPMI Firmware / BIOS Release Notes Form

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Product Name	X9DRG-QF
Release Version	3.3
Release Date	09/21/2018
Build Date	09/21/2018
Previous Version	3.2
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<p>1 [Enhancements] Refer Grantley to check KCS status register instead of data register for KCS waiting.</p> <p>2 [Enhancements] To avoid DMI Type 15 log area length show 0 problem.</p> <p>3 [Enhancements] Default disabled CECC error reporting.</p> <p>4 [Enhancements] Patch SPS ME NM function "Dynamic CPU Core Allocation Control" work abnormally problem.</p> <p>5 [Enhancements] Update RSTe 4.6.0.1091 (PreOS 4.6.0.1018).</p> <p>6 [Enhancements] Added checksum check and retry for PSU FRU information request from BMC to patch PSU information missing in SMBIOS, also supported non-Supermicro PSU.</p> <p>7 [Enhancements] Add BAR offset judgment code to fix Mellanox IB hang at POST code 0x91 issue.</p>

	<p>8 [Enhancements] Module update for security issues.</p> <p>9 [Enhancements] Added Intel SPI vulnerability patch.</p> <p>10 [Enhancements] Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.</p>
<p>New features</p>	<p>N/A</p>
<p>Fixes</p>	<p>1 [Fixes] Fixed SUM TC306 and TC317 failed in certain configuration issue.</p> <p>2 [Fixes] Fixed DMI still be cleared even user decide to keep it after update BIOS by AFUDOS and then update again by OOB problem.</p> <p>3 [Fixes] Fixed the shift key will be loss when press shift key and don't release.</p> <p>4 [Fixes] Fix TC320 fail.</p> <p>5 [Fixes] Fix PERR event log could not be recorded correctly.</p> <p>6 [Fixes] Fixed the device behind PCI to PCI bridge cannot be allocated resource issue.</p> <p>7 [Fixes] Fixed the UEFI devices still bootable after disable UEFI it from boot group issue.</p> <p>8 [Fixes] Fix OA3 can't be inserted and clear OA2 backup area.</p> <p>9 [Fixes] Fix CM issue. DMI lose after flashing BIOS by tool then OOB update BIOS. (Sync X9 DMI lost solution with X10 denlow and X11.)</p> <p>10 [Fixes] Fixed Slim DVD ROM cannot read data from Dual layer DVD image problem. (Refer from CSM label 79)</p> <p>11 [Fixes] Fix LSI 9267-8i (LSI 2108) stalls after press Ctrl+H to enter WebBIOS.</p> <p>12 [Fixes] Fixed when the memory slot is empty the SMBIOS Type 17 still has TotalWidth & DataWidth information.</p> <p>13 [Fixes] Fixed USB Key (USB HDD type) can't boot to DOS when 4K Native HDD attached.</p> <p>14 [Fixes] Fixed TPM State setup menu not sync with actual setting</p>

	<p>problem.</p> <p>15 [Fixes] Fixed IPMI system boot command can't work.</p> <p>16 [Fixes] Fixed string overlap happened in "Manage MegaRAID Advanced Software Options" Page of AVAGO MegaRAID SAS 9460-8i UEFI driver.</p> <p>17 [Fixes] Fixed no SAFE ID and no Serial Number display in "Manage MegaRAID Advanced Software Options" Page of the first AVAGO MegaRAID SAS 9460-8i UEFI driver When installed two Broadcom 9460-8i.</p> <p>18 [Fixes] Fixed PRAD AE_NOT_FOUND in dmesg.</p>
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Release Notes from Previous Release(s)

3.2 (03/25/2015)

- 1. Update Intel Xeon micro-code for Ivy Bridge EP.- Rev 428 for Intel Xeon E5-2600 V2 C0,1/M0,1/S0,1 stepping 306E4h.*
- 2. Updated Intel RC 2.00.00.05.*
- 3. Updated Intel AHCI/SCU option ROM and UEFI driver to v4.1.0.1026.*
- 4. Update 4.6.3_USB_08.10.31.*
- 5. Security update.*