

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DGQ
Release Version	3.1b ME: 3.1.3.72
Release Date	5/24/2019
Previous Version	3.1a
Update Category	Recommended
Dependencies	None
Important Notes	N/A
Enhancements	1. Changed BIOS revision to 3.1b. 2. Updated Intel microcode 0x43 for Haswell-EP and 0x36 for Broadwell-EP to address Intel-SA-00233 security issue. 3. Updated Intel SPS firmware to E5_03.01.03.072.0_WBG_REL to address Intel-SA-00213 security issue.
New features	N/A
Fixes	1. Updated RSTe SATA/sATA driver to v6.1.0.1017. 2. Updated ASPEED VBIOS to version 1.09.00.

Release Notes from Previous Release(s)

3.1a (4/17/2019)

1. *Changed BIOS version to 3.1a.*
2. *Updated VBIOS from 0.96.0 to 1.03.01.*

3.1 (6/11/2018)

1. *Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*
2. *Changed BIOS version to 3.1.*
3. *Set Descriptor Region of BIOS Region Write Access to "No".*

3.0a (2/15/2018)

1. *Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.*
2. *Updated RC to 4.3.0.*
3. *Changed BIOS revision to 3.0a.*