

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRX
Release Version	3.2
Release Date	11/22/2019
Previous Version	3.1c
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	1. Changed BIOS revision to 3.2. 2. Updated SINIT ACM 3.1.4 PW for INTEL-SA-00240 Security Advisory to address CVE-2019-0151 (7.5, High) and CVE-2019-0152 (8.2, High) security issues. 3. Updated SATA/sATA RAID OPRM/EFI driver to VROC PreOS v6.2.0.1034. 4. Updated Broadwell-EP B0/M0/R0 CPU microcode MEF406F1_0B000038 for INTEL-SA-00219 Security Advisory to address CVE-2019-0117 (6.0, Medium) security issue and for INTEL-SA-00220 Security Advisory to address CVE-2019-0123 (8.2, High) and CVE-2019-0124 (8.2, High) security issues.
New features	N/A
Fixes	N/A

Release Notes from Previous Release(s)

3.1c (05/02/2019)

1. *Changed BIOS revision to 3.1c.*
2. *Added global reset following BIOS flash if the SPI descriptor is not write-protected.*
3. *Added feature to display "Anti-rollback" message.*
4. *Updated EIP393007 and EIP411789 to correct TPM vulnerability following power state transition out of S3.*
5. *Updated Intel Server Platform Services 3.1.3.72 for Grantley Refresh Platforms.*
6. *Updated SATA/ssATA RAID OPROM/EFI driver to VROC PreOS v6.1.0.1017.*
7. *Updated VBIOS and Vga EFI driver to 1.09.*
8. *Updated Haswell-EP/Broadwell-EP CPU microcode from SRV_P_273 for INTEL-SA-00233 Security Advisory to address CVE-2018-12126, CVE-2018-12127 and CVE-2018-12130.*
9. *Added support for RFC4122 UUID format.*
10. *Added BIOS setting to set IPv6 router prefix length and value.*
11. *Fixed BIOS booting when Re-Try Boot is disabled.*
12. *Fixed METW to wait for RTC status flag before reading RTC time.*
13. *Displayed Broadcom 9440-8i driver on driver health page.*
14. *Fixed PCI-E slot naming in Windows CDN (Consistent Device Naming).*

3.1 (06/06/2018)

1. *[Enhancements] Change BIOS revision to 3.1.*
2. *[Enhancements] Update Broadwell-EP RC 4.4.0 release.*
3. *[Enhancements] Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*
4. *[Enhancements] Add IPMI IPV6 support.*
5. *[Fixes] Fixed Afu /O command will clear SMC SMBIOS region (\$SMC).*
6. *[Enhancements] Remove unsupported memory frequency options from setup menu.*
7. *[Fixes][OOB] SUM GetSataInfo always shows "Configuration Type" as "AHCI" when setting "Configure SATA as" to "RAID" or "IDE".*
8. *[Fixes] Fixed SMBIOS does not change to default even if preserve SMBIOS setup item set disable during recovery.*
9. *[Fixes] Per Intel recommended settings to set Descriptor Region of BIOS Region Write Access to "No".*