

IPMI Firmware / BIOS Release Notes Form

Supermicro disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade. All products, computer systems, dates, and figures specified are preliminary based on current expectations, and are subject to change without notice. Supermicro and the Supermicro logo are trademarks of Super Micro Computer, Inc. in the U.S. and/or other countries. Copyright © 2018 Super Micro Computer, Inc. All rights reserved.

Product Name	X10DRX
Release Version	3.1c SPS: 3.1.3.72
Release Date	5/2/2019
Build Date	5/2/2019
Previous Version	3.1
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">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/sATA 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.
New features	None
Fixes	1. Fixed BIOS booting when Re-Try Boot is disabled. 2. Fixed METW to wait for RTC status flag before reading RTC time. 3. Displayed Broadcom 9440-8i driver on driver health page. 4. Fixed PCI-E slot naming in Windows CDN (Consistent Device Naming).

Release Notes from Previous Release(s)

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".*

