

BIOS Release Notes Form

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Product Name	B11DPE
Release Version	3.1
Release Date	5/29/2019
Previous Version	3.0a
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Changed BIOS version to 3.1.2. Updated the Leaky Bucket to 2.15 minutes at 2666MHz.3. Set SDDC+1 to disabled by default.4. Updated Intel RSTe to 6.1.0.1017.5. Updated Intel RC to ww16.6. Updated Hyper Threading and VMC default settings.7. Updated memory error log fru_text.8. Updated the Memory Correctable Threshold to 512.9. Set ADDDC/SDDC to enabled by default.10. Set PCIe hot plug to enabled by default.11. Updated LAN firmware to version 3.45.12. Updated extended type 17.13. Merged 16 records of DMI type to a single record.14. Updated NVDIMM ADR timer to 600us.15. Updated VRM.
New features	N/A
Fixes	N/A

3.0a (9/14/2018)

Enhancements

1. *Updated Intel BKC Version 2018_WW52 (KIT #130606).*
2. *Updated for NVDIMM ADR values for 1 & 2 CPUs.*
3. *Updated for PBF feature.*
4. *Updated the type 9/type 40 reporting.*
5. *Updated for Mezzanine 25G card sensor reading.*

Fixes

1. *Fixed issue with CPU Throttling Event Logging & Alert LED Function.*
2. *Fixed failure of SUM cases TC210 and TC304.*

2.0c (8/7/2018)

Enhancements

1. *Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*
2. *Changed BIOS revision to 2.0c.*
3. *Added bifurcation and slot configuration for Mezzanine and FrontIO Cards.*
4. *Enabled the Jumperless BIOS Flash feature.*
5. *Updated for VMD mode support.*
6. *Updated Intel microcode to 0x4D.*

New features

1. *Added Jumperless solution.*
2. *Added delay For iSCSI Initialized.*

Fixes

1. *Fixed problem of NVMe ejection function not working using AOM-BPNIO-SNE.*
2. *Fixed failure to recognize the U.2 device on Intel VMD.*
3. *Fixed failure of NVMe ejection function.*
4. *Fixed incorrect maximum power reading in CMM.*
5. *Fixed a BIOS build issue in 7/26 BIOS.*
6. *Fixed failure of LoadDefaultBiosCfg in SUM ATT cases TC210 and TC304.*