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BIOS AP Inc
R&D

BR286B31 Controller Firmware Release Note

E20170725

Firmware Release Note

Release Note Date : 2017/07/25
Release Note No : BIOS E20170725
Applicable Products : DVT06U3, DVM06U3 with BR286B31 controller

Version : pec101b.630 filename: pec101b.630 (checksum F50C)

Level : Recommended (for new deployment)

Critical Note: The new firmware has a different architecture from older versions. **Due to architecture change, data integrity will be lost. If data inside the storage is important, please back it up before upgrade. DATA will be corrupted after firmware upgrade, and the disk LUN must be formatted as new after then.**

Contents of Change

- Increase cache memory DDR signal margin for better performance
- Modify data access size and 4K data burst process
- Enhance Macbook Pro 2015/2016 compatibility
- **All RAID levels now support all six drives configuration**

Known Bug Fix:

Macbook Pro 2015/2016 Thunderbolt 3 access stopped and link down

Known Limitation: None

New Features:

Performance increase about 10% for RAID 5 and 6. And performance is much more stable than earlier version