|  |  |
| --- | --- |
| **Features** | **Benefits** |
| SAS 2.0 Interface | 6Gb/s access to SAS targets in Xyratex OneStor enclosures with SBB Application Platform blades |
| Xyratex OneStor Family of Enclosures | Multiple enclosure and drive support. Xyratex offers multiple enclosures that can be fitted with SBB controllers including the Stingray application platform. The list includes 2U – 12 3.5”, 2U – 24 2.5”, and 4U – 24 3.5” enclosures. |
| Dynamic device detection | Configuration flexibility |
| Check sum validation | Reliable firmware update |
| Firmware download on startup and post startup | Support for flash-less controllers |
| Customizable branding | [future release] |
| Root WWN setup | Base WWN can be set for the SPC and its ports and this value can be persisted |

| **Product Specifications** | |
| --- | --- |
| PMC SAS controller | PMC PM8001 |
| Intel Xeon processor | Intel Xeon® EC5539 |
| Drives | Seagate “Muskie”/Constellation 3.5” SAS 1TB and 2TB Seagate “Eagle”/X15-7 3.5” SAS 300G, 450G and 600G Seagate “Dragonfly”/Constellation 2.5” SAS 500G |
| SSDs | Samsung SS805 SSD via Acorn Dongle [future release] |
| Number of drives support | Base enclosure dependent |
| Expansion enclosures | [future release] |
| Interface | Standard SCSI driver interface |
| Debug | Dynamic tracing to log file (on/off) |
| OS Support | Red Hat Enterprise Linux 5 and 6 (Kernel 2.6.18, and Kernel 2.6.32/33) ,Centos 5.4 kernel 2.6.18 |
|  |  |
| SMP command pass through | Future builds – likely sgv4 mechanism |
|  | |
|  | |