

# ME4 vs. ME5 feature comparison

|                                               |                        | PowerVault ME4                                              | PowerVault ME5                                              |
|-----------------------------------------------|------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| CPU                                           |                        | Intel Xeon Broadwell                                        | Intel Xeon Processor                                        |
| IOPS                                          |                        | 320K <sup>(1)</sup> (100% Sequential Read, 16K block)       | 640K (100% Sequential Reads, 16K block, R5, Virtual)        |
| Read Throughput                               |                        | 7GB/s                                                       | 12GB/s                                                      |
| Write Throughput                              |                        | 5.5GB/s                                                     | 10GB/s                                                      |
| Enclosure / Expansion                         |                        | 2U12, 2U24, 5U84 / ME412, ME424, ME484;<br>12Gb SAS backend | 2U12, 2U24, 5U84 / ME412, ME424, ME484;<br>12Gb SAS backend |
| Async Replication between Arrays              |                        | ME4 to ME4 only                                             | ME5 to ME5, ME5 to ME4; ME4 to ME5                          |
| Interfaces:<br>4 ports per controller         | Fibre Channel          | 8/16Gb                                                      | 16/32Gb                                                     |
|                                               | iSCSI (SFP)            | 10Gb                                                        | 10/25Gb                                                     |
|                                               | iSCSI (10GbaseT)       | 10Gb                                                        | 10Gb                                                        |
|                                               | SAS                    | 12Gb                                                        | 12Gb                                                        |
|                                               | Multi-protocol support | Yes                                                         | No                                                          |
| Memory per Controller                         |                        | 8GB                                                         | 16GB                                                        |
| Max Virtual Pool Size (Total Usable Capacity) |                        | 1PB per controller (2PB total)                              | 4 PB per controller (8 PB total)                            |
| Max Volume size                               |                        | 128TB                                                       | 128TB                                                       |
| Standard Density                              |                        | 2U12, 2U24                                                  | 2U12, 2U24                                                  |
| High Density / Max Drives                     |                        | 5U84 / 336                                                  | 5U84 / 336                                                  |
| Capacity                                      |                        | 4PB                                                         | 8PB <sup>(1)</sup>                                          |
| User Interface                                |                        | Web based HTML                                              | Updated GUI – capacity and activity monitoring              |
| Embedded Support Assist                       |                        | Phone Home                                                  | ESE with parity of Phone Home                               |
| Key Management                                |                        | At the (FIPS) drive level                                   | At the (FIPS) drive level                                   |
| Power Supply                                  |                        | AC                                                          | AC                                                          |

1 ME5 firmware designed to support 8PB with higher capacity drives; 6PB @ RTS