

| | D1000 | A1000 | A3500 | A3500FC | A5100/A5200 |
|---|--|--|--|---|---|
| Key Architecture | Host-Based RAID | Single Hardware RAID Controller 8-16 MB Processor Cache 16 - 64 MB Data Cache | Dual Hardware RAID Controllers MultiHost Attachable 32 - 64 MB Processor Cache (per controller) 64 - 128 MB Data Cache (per controller) Mirrorable Cache | Dual Hardware RAID Controllers MultiHost Attachable 64 MB Processor Cache (per controller) 128 MB Data Cache (per controller) Mirrorable Cache | Host-Based RAID FC-AL 100MB/sec Fibre Channel |
| Array Management | JBOD | RM6.1.1 or later | RM6.1.1 or later | RM6.22 | Luxadm |
| Volume Management | SEVM 2.4, 2.5, 2.6, 3.0.2 Solstice Disk Suite 4.1, 4.2 | RM6.1.1 or later SEVM 2.4, 2.5, 2.6, 3.0.2 Solstice Disk Suite 4.1, 4.2 | RM6.1.1 or later SEVM 2.4, 2.5, 2.6, 3.0.2 Solstice Disk Suite 4.1, 4.2 | RM6.22 SEVM 2.6, 3.0.2 | SEVM 2.4, 2.5, 2.6, 3.0.2 Solstice Disk Suite 4.1, 4.2 |
| Supported Hosts | UE10000 UE6000 - UE3000, UE6500 - UE3500 U1, U2, U5, U10, U30, U60, E250, E450 NT 4.0 - supported up to 9GB Drive | UE6000 - UE3000, UE6500 - UE3500 U1, U2, U5, U10, U30, U60, E250, E450 NT 4.0 - supported up to 9GB Drive | UE10000 UE6000 - UE3000 UE6500 - UE3500 SS1000E, SC2000E U2, E250, E450 NT 4.0 - supported up to 9GB Drive | UE10000 UE6000 - UE3000 UE6500 - UE3500 U80, U60, E250, E450 No NT Support | UE10000 UE6000 - UE3000, UE6500 - UE3500 SS1000E, SC2000E (A5200-9G only) U2, E250, E450 NT 4.0 - supported up to 9GB Drive |
| Supported Release / OS | Solaris 2.6 or later | Solaris 2.6 or later | Solaris 2.6 or later | Solaris 2.6 or later | Solaris 2.5.1 8/97 w/ MU or later Solaris 2.6 Solaris 7 (requires VxVM 3.0.2) NT 4.0 |
| Bootability | All OS's Supported | All OS's Supported | All OS's Supported | None | Solaris 2.5.1 8/97 or later |
| Cluster Support | Sun Cluster 2.2 | Sun Cluster 2.2 | Sun Cluster 2.2 | Sun Cluster 2.2 | Sun Cluster 2.2 |
| Host Interface | Sbus Single Port Ultra SCSI PCI Dual Port Ultra SCSI | Sbus Single Port Ultra SCSI PCI Dual Port Ultra SCSI | Sbus Single Port Ultra SCSI PCI Dual Port Ultra SCSI | Sbus Dual Port FC-AL PCI Single Port FC-AL | Sbus Dual Port FC-AL PCI Single Port FC-AL |
| Back End & Capabilities | 3.5" Low - Profile Ultra SCSI Disks 12 - 9.1GB 10K RPM / Tray = 109GB 12 - 18GB 10K RPM / Tray = 218 3.5" Half - Height Ultra SCSI Disks 8 - 36GB 10K RPM / Tray = 291 | 3.5" Low - Profile Ultra SCSI Disks 12 - 9.1GB 10K RPM / Tray = 109GB 12 - 18GB 10K RPM / Tray = 218 3.5" Half - Height Ultra SCSI Disks 8 - 36GB 10K RPM / Tray = 291 | A3500 - Ultra Diff. SCSI D1000 Trays 1 RAID Module x 2 Trays = 218GB (max.) 1 RAID Module x 5 Trays = 1456GB (max.) 2 RAID Modules x 7 Trays = 2TB (max.) 3 RAID Modules x 15 Trays = 4.3TB (max.) 3.5" Low - Profile Ultra SCSI Disks 12 - 9.1GB 10K RPM / Tray = 109GB 12 - 18GB 10K RPM / Tray = 218 3.5" Half - Height Ultra SCSI Disks 8 - 36GB 10K RPM / Tray = 291 | A3500 FC - Ultra Diff. SCSI D1000 Trays 1 RAID Module x 5 Trays = 1456GB (max.) 2 RAID Modules x 7 Trays = 2TB (max.) 3 RAID Modules x 15 Trays = 4.3TB (max.) 3.5" Low - Profile Ultra SCSI Disks 12 - 9.1GB 10K RPM / Tray = 109GB 12 - 18GB 10K RPM / Tray = 218 3.5" Half - Height Ultra SCSI Disks 8 - 36GB 10K RPM / Tray = 291 | 7 Port FCAL Hub 72" Rack accomodating up to 6 Tabletops 72" Rack Door required 3.5" Half - Height Dual Ported FCAL Disks A5100: 14-36GB 10K RPM = 509GB/Tbl A5100: 14 Drives @ 36GB x 6 Tbl=3.0TB 3.5" Low - Profile Dual Ported FCAL Disks A5200: 22-9.1GB 10K RPM = 200GB/Tbl A5200: 22 Drives @ 9.1GB x 6 Tbl = 1.2TB A5200: 22 Drives x 18GB 10K RPM = 400TT A5200: 22 Drives x 18GB = 2.4TB Rack |
| Reliability Availability Serviceability | Hot Plug Drives Hot Plug Redundant Power Supplies Redundant Variable Speed Hot Plug Fans RAID Levels 0, 1, 0+1, 5 | Hot Plug Drives Hot Plug Redundant Power Supplies Redundant Variable Speed Hot Plug Fans Battery Backup Cache RAID Levels 0, 1, 0+1, 5 SNMP | Hot Plug Drives Hot Plug Controller Hot Plug Redundant Power Supplies Redundant Variable Speed Hot Plug Fans Automatic Controller Failover Mirrored Cache Battery Backup Cache RAID Levels 0, 0+1, 1+0, 3, 5 SNMP | Hot Plug Drives Hot Plug Controller Hot Plug Redundant Power Supplies Redundant Variable Speed Hot Plug Fans Automatic Controller Failover Mirrored Cache Battery Backup Cache RAID Levels 0, 0+1, 1+0, 3, 5 SNMP | Hot Plug Dual ported Drives Hot Plug Redundant Power Supplies Redundant Variable Speed Hot Plug Fans Hot plug dual-loop interface Boards & GBICS Dynamic Multi-pathing (DMP) RAID Levels 0, 1, 0+1, 5 SYMON System Monitoring & Reporting (1.6) StorTools 3.1.1 |
| Upgrades | SSA to D1000 D1000 to A1000 D1000 Tabletop to Rack Mountable Competitive Upgrades | SSA to A1000 A1000 Tabletop to Rack Mountable Competitive Upgrades | SSA to A3500 RSM Trays to D1000 Trays RSM 2000/A3000 to A3500 Competitive Upgrades | SSA to A3500FC RSM Trays to D1000 Trays SCSI to FC-AL Controller RSM 2000/A3000 to A3500FC Competitive Upgrades | SSA to A5100/A5200 A5000 to A5100/A5200 A5000 Tabletop to Rack Mountable Competitive Upgrades |
| Best Application Relative Performance Strength (1-Good 5-Best) | HPC DW/DSS FS-DI FS-AI OLTP/ERP 1 1 1 1 1 | HPC DW/DSS FS-DI FS-AI OLTP/ERP 2 2 2 3 3 | HPC DW/DSS FS-DI FS-AI OLTP/ERP 4 4 4 5 5 | HPC DW/DSS FS-DI FS-AI OLTP/ERP 4 4 4 5 5 | HPC DW/DSS FS-DI FS-AI OLTP/ERP 5 5 5 2 2 |