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| **Specifications** | **FAS6210** |
| Maximum System Capacity | 3,600TB |
| Maximum Raw Capacity | 2,400TB |
| Maximum Drives | 1,200 |
| Controller Form Factor | Single enclosure HA2 controllers in single 6U chassis |
| Memory | 48GB |
| Flash Cache | 3TB maximum |
| PCIe Expansion Slots | 8 |
| Onboard I/O 10GbE | 8 |
| Onboard I/O 8Gb FC | 8–16 |
| Onboard I/O 6Gb SAS | 0–8 |
| Storage Networking Supported | FCFCoEIP SAN (iSCSI)NFSCIFSHTTPFTP |
| OS Version | Data ONTAP 8 |
| High-Availability Features | Alternate Control Path (ACP) |
| Disk Shelves Supported | DS2246 (2U; 24 drives, 2.5” SAS SFF 10K RPM )DS4243 (4U; 24 drives, 3.5” SATA 7.2K RPM; 3.5″ SAS 15k RPM; 3.5” SSD 100GB)DS14mk2 and DS14mk4 (3U; 14 drives, 3.5” FC; 3.5” SATA 1TB/2TB) |
| Maximum RAID Group Sizes | RAID 6 (RAID-DP)FC: 28 (26 data disks plus 2 parity disks)SATA: 20 (18 data disks plus 2 parity disks)RAID 4FC: 14 (13 data disks plus 1 parity disk),SATA: 7 (6 data disks plus 1 parity disk)RAID 6 + RAID 1 or RAID 4 + RAID 1 (SyncMirror) |
| Max. Number of LUNs | 4,096 |
| Number of Supported SAN Hosts | Up to 512 hosts per HA pairUp to 24 directly connected servers per HA pair |
| FlexVol Volumes | Up to 500 per controller |
| Snapshot Copies | Up to 127,000 |
| Maximum Volume/ Aggregate Size | 70TB |
| FC Target Ports (8Gb/4Gb) (max.) | 32/48 |
| FCoE Target Ports, UTA (max.) | 32 |
| 10GbE Ports (max.) | 24 |
| GbE Ports (max.) | 36 |
| 6Gb SAS Ports (max.) | 40 |
| FC Initiator Ports (max.) | 48 |
| Maximum Adapters |
| Dual 10GbE (optical or copper) | 8 |
| Quad GbE (copper) | 8 |
| Dual 10GbE FCoE SAN Unified Target Adapter (optical or copper) | 8 |
| 8Gb FC Target | 8 |
| Dual 8Gb VI for SnapMirror over Fibre Channel (SMoFC) | 6 |
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| Flash Cache Performance Acceleration Module (1TB) | 2[3] |
| Flash Cache Performance Acceleration Module (512GB) | 6 |
| Quad 6Gb SAS Storage HBA | 8 |
| Quad 4Gb FC Storage/Tape HBA (fibre) | 8-Aug |
| Dual SCSI Tape HBA | 8 |