

# D178 Disk Subsystem Sales Card

## Description

Designed for demanding enterprise open systems online storage environments, the StorageTek D178 high performance disk subsystem supports more than 40 terabytes of information. The modular architecture offers two-gigabit Fibre channel connectivity, exceptional flexibility and investment protection. The D178 is offered through a strategic alliance between StorageTek and LSI Logic Storage Systems.

## Value

The modularity of the D178 gives you pay-as-you-grow flexibility to reconfigure systems to meet various levels of performance, capacity and availability. Downward compatibility from one product generation to the next lets you avoid costly forklift upgrades and maintain investment protection. The D178 offers additional value to customers with these features:

- Deliver better service to your customers with faster access and response times.
- Manage growing online storage requirements cost effectively. The D-Series open architecture and modularity allows you to scale seamlessly up to 40 terabytes.
- Increase productivity with the D-Series software suite. Gain single view, non-disruptive, "click, drag, drop" storage management from your IT shop floor or from remote locations.
- Realize the promise of SAN's with fabric log-in support. With the D-Series software suite, share your D178 as a SAN resource while you ensure secure, dedicated online storage.
- Maintain one-source accountability with evaluation, recommendations and support from StorageTek.

## Target Market

Open Systems enterprise environments.

## Key Features (Performance/Capacity)

- Over 110,000 IOPS from cache
- Over 32,500 IOPS from media
- Over 390 MB/sec transfer rate from media
- Over 195 MB/sec single channel transfer rate from media.

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## Redundancy/Availability

- Redundant Storage Controllers
- Redundant I/O Paths
- Redundant Auto Ranging Power Supplies
- Redundant Cooling Fans
- Dual Ported Fibre Channel Disk Drives
- Global Hot Spares
- Hot Swappable and Customer Replaceable Components:
  - o Fibre Channel Disk Drives
  - o Storage Controllers
  - o Power Supplies
  - o Cooling Fans
- Capacity: 40.3 TBs (180 GB drives)
- Cache Size per controller, 1GB /2GB Mirrored
- RAID Options: 0,1,3,5 and 1+0 (concurrent)
- Single Subsystem drive capacity 10-224

## Disk Drives

- 36 GB Fibre Channel drives (10K, 15K rpm)
- 72 GB Fibre Channel drives (10K rpm)
- 180 GB Fibre Channel drives (7200 rpm)

## Host/Drive connections

- Eight 2 Gbit Fibre Channel host-side connections
- Four 1 Gbit Fibre Channel drive-side connections

## Homogeneous/Heterogeneous Host attachments (with Failover)

- Windows NT - Solaris - Netware
- Windows 98 - HP-UX - AIX (3/02)
- Windows 2000 - Linux (3/02) - IRIX

## Complementary Products

- 9170-002 drive module (10 drives)\*
- 9170-010 drive module (10 drives)
- 9170-014 drive module (14 drives)
- D-Series Software Suite
  - SANtricity Storage Manager
  - SANshare Storage Partitioning
  - Snapshot Copy
  - Remote Volume Mirror (2Q02)

\* Only available as field upgrade.

