



# MorStor U320

Ultra SCSI Storage





For organizations seeking the proven reliability, performance and connectivity of Ultra SCSI, the U320 from INLINE Corporation is the perfect solution. The U320, with its cost-effective SCSI storage, is perfect for workgroups and departments who need high capacity storage for their servers, but are not yet ready for Fibre Channel. High availability is supported by redundant, hot swappable, modular components. The U320 disk arrays can support up to 1.8 terabytes of storage per controller and arrays can be linked together to form unlimited capacity as storage needs continue to grow. They are field upgradeable, from a single controller to a completely fault-tolerant configuration with 512 MB per array primary cache. The U320 can be used with single servers, clusters, and systems configured for high availability.

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**SCALABLE & FLEXIBLE  
UPGRADE PATHS**

- Modular components help protect initial investments and address future storage needs easily and economically
- Arrays can be linked together for unlimited capacity



## HIGH PERFORMANCE



- Dual active array controllers virtually double performance and availability
- Variable stripe and cache size allow application specific tuning to maximize I/O
- Dual LVDS host channels eliminates typical controller bottleneck
- RISC processor for enhanced performance
- Utilization of the highest performance LVDS disk drives
- Various RAID levels allow matching of data types and data access

## HIGH AVAILABILITY & DATA INTEGRITY



- Truly redundant components provide fault tolerance and continuous access to data
- Hot swappable components allow online repair without costly downtime
- Mirrored non-volatile cache maintains data integrity
- Global hot spares provide automatic unattended disk rebuilds
- Redundant AC power cords insure greater availability and dual power grid utilization
- Remote replication provides additional levels of redundancy

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## SPECIFICATIONS

Host Connections:	2 Active
Maximum Throughput:	2 x 80 MB/s
Drive Capacities:	18, 36 & 72 GB per spindle
Drive Interface:	Low Voltage Differential SCSI (LVDS)
Command Tag Queuing:	256 commands Max
RAID Levels:	0, 1, 3, 5, 0+1, and 5+1 & JBOD
Supports Multiple RAID Levels:	YES
LUNS per Subsystem:	32
Redundant Paths to Array:	YES
Redundant Controllers:	YES
Redundant Power:	YES
Variable RAID Stripe Size:	YES
Variable Cache Size:	YES
Variable Priority for Rebuild/Create:	YES
Global Spares:	YES
Ability to expand RAID set:	YES
Power Supplies:	Hot Swap, Load Sharing and Redundant
Variable Speed Fans:	Hot Swap, Load Sharing and Redundant
Array Controllers:	Hot Swap, Load Sharing and Redundant
Disk Drives:	Hot Swap and Redundant
UNIX and NT Cluster Compatible:	YES
GUI Monitoring Option:	YES
Direct Attached Storage:	YES
Network Attached Storage:	YES
Power Options:	-48 VDC, 110 VAC, or 240 VAC

### About INLINE Corporation

INLINE Corporation is a leading independent provider of open systems storage solutions. Based in Northern Virginia, INLINE Corporation is recognized by a customer base that includes many of the largest telecommunications, digital imaging and multimedia companies as well as government agencies and universities nationwide. INLINE is also the recipient of many prestigious corporate awards including Deloitte & Touche Technology Fast 500 and Washington Technology Fast 50. The company is committed to delivering solutions that cope with today's business challenges while building information strategies for the future.

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### MorStorVIEW

Providing the ability to centrally manage physically distributed and/or centrally configured storage arrays is another key feature of MorStor storage solutions. Through our GUI management utility MorStor arrays can be centrally managed regardless of their location in your office, enterprise or around the world. SNMP, e-mail, paging and other notification options provide integration with leading third party systems management packages such as HP OpenView, Tivoli and others. MorStorVIEW provides the ability to manage all of your storage easily and efficiently, while lowering your overall management and administrative costs.

