



ELLIPSE™ ENTERPRISE

ENTERPRISE-CLASS, HIGH-AVAILABILITY 4-Gbps FIBRE CHANNEL HBA FOR Mac OS X

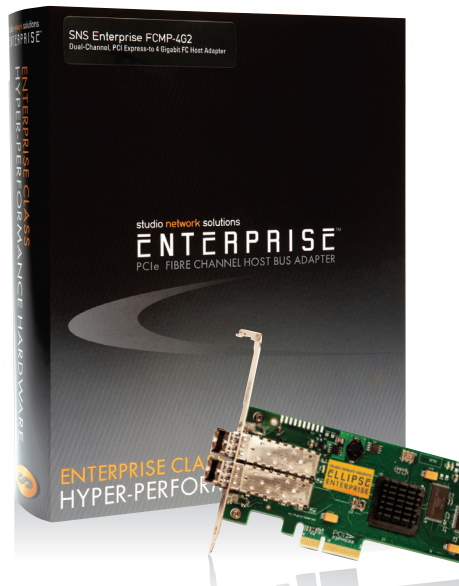


CERTIFIED

The new Ellipse™ Enterprise Fibre Channel HBA enables Mac OS X workstations and servers to utilize the high-availability features found in enterprise-class, multiple RAID-controller storage arrays from IBM, LSI, EMC and others.

The Ellipse™ Enterprise Advantage

- > Single-, Dual- or Quad-port 4-Gbps Fibre Channel
- > High-availability, multipathing, load balancing, failover/failback for Mac users
- > Up to 800 MBytes/s per port in full-duplex mode
- > Throughput can be aggregated on multi-port adapters for maximum performance
- > Exclusive A/V optimized, advanced read-ahead and write caching techniques
- > Auto-negotiating (1, 2, and 4-Gbps), backward compatible
- > Includes SFP optics with LC-style connector
- > CPUs for Fibre Channel offload
- > RoHS 6 compliant



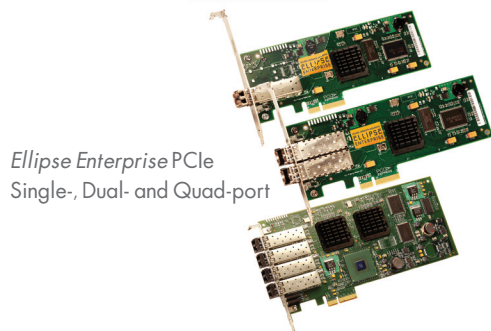
For use with IBM, LSI, EMC, Hitachi, HP and Sun Microsystems

ENVIRONMENT:

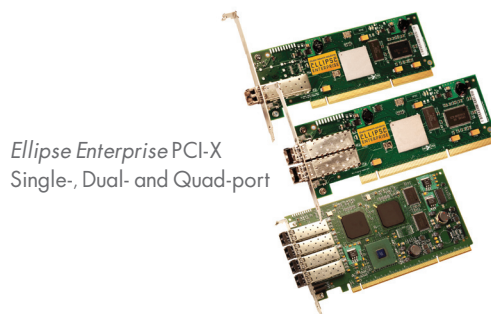
- > Video & Audio Production
- > Server Applications
- > Digital Imaging
- > Game Design/Development
- > Animation/Visual Effects
- > TV/Radio Broadcasting
- > Video Server Streaming
- > Enterprise Class Storage
- > Windows or Mac Clients

FEATURES:

- > Competitive Pricing
- > PCIe support for Intel and PowerPC Macs
- > PCI-X support for PowerPC Macs
- > Multipath Enabled
- > Advanced read-ahead and write caching
- > Offers Full Visibility of Enterprise Class Storage to Mac Workstations and Servers



Ellipse Enterprise PCIe
Single-, Dual- and Quad-port



Ellipse Enterprise PCI-X
Single-, Dual- and Quad-port

Features:	SNS ELLIPSE™ ENTERPRISE	SNS ELLIPSE™
Single-port MSRP	\$1199	\$779
Dual-port MSRP	\$1899	\$1249
Quad-port MSRP	\$2795	\$2195
Intel-based Mac Support	Yes	Yes
PowerPC-based Mac Support	Yes	Yes
Enables Mac to see all controllers in Enterprise arrays	Yes	No
Failover support for all controllers in Enterprise arrays	Yes	No
IOPS per port (PCIe)	200,000	200,000
PCI Express	x8, 2.5GHz	x8, 2.5GHz
PCI-X	64-bit/133 MHz	64-bit/133 MHz
A/V optimized, advanced read-ahead and write caching	Yes	Yes
Warranty	3 yr	3 yr

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 1986 innerbelt business center dr. saint louis, missouri 63114 usa
 toll free 877.537.2094
 fax 314.733.0537
 los angeles 818.209.1331
 new york 631.375.3647

HYPER-PERFORMANCE HARDWARE

FOR AUDIO, VIDEO AND CONTENT CREATION

THERMAL, ATMOSPHERIC CHARACTERISTICS:

- > Temperature range: 0 °C to 55 °C (dry bulb),
100 linear feet per minute (LFPM) airflow minimum
- > Relative humidity range: 5% to 90% noncondensing
- > Maximum dew point temperature: 32 °C

STORAGE AND TRANSIT ENVIRONMENT PARAMETERS:

- > Storage Temperature: -45 °C to +85 °C (dry bulb)
- > Relative Humidity Range: 0% to 95%, noncondensing

MINIMUM SYSTEM REQUIREMENTS:

Hardware:

- > Macintosh computer with PowerPC G4, PowerPC G5 or Intel processor
- > SNS Ellipse or Ellipse Enterprise Fibre Channel card
- > 1 GB of physical RAM

Software:

Mac OS X 10.4.8.

DIMENSIONS:

- > Single-port & Dual-port PCIe:
6.6 inches x 2.53 inches – *standard half-length PCIe*
- > Single-port & Dual-port PCI-X:
6.6 inches x 2.53 inches – *standard half-length PCI-X*
- > Quad-port PCIe:
6.6 inches x 4.2 inches – *standard half-length PCIe*
- > Quad-port PCI-X:
6.875 inches x 4.2 inches – *standard half-length PCI-X*

ELECTRICAL CHARACTERISTICS

> Maximum Power Requirements:

Host Adapter	PCI Power	Operating Range
Single- & Dual-port PCIe Ellipse Enterprise	0.66 A (12.0 V supply)	0 °C to 55 °C
Single- & Dual-port PCI-X Ellipse Enterprise	0.9 A (5.0 V supply)	0 °C to 55 °C
Quad-port PCIe Ellipse Enterprise	1.3 A (12.0 V supply)	0 °C to 55 °C
Quad-port PCI-X Ellipse Enterprise	3.16 A (5.0 V supply)	0 °C to 55 °C



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new york
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los angeles
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