



ARCTICROC 4T

4 Bay, Tower RAID System

eSATA, FireWire 800, FireWire 400 and USB Ports

The Arcticroc is a highly versatile RAID system that is available in a 4-Bay Tower model with up to 12 Terabytes of disk storage. The drives are Hot-Swappable, with transfer speeds of 3 Gbits/s to and from the host. ARCTICROC is also compatible with both Windows® and Macintosh® Operating Systems.



ARCTICROC COMBO TOWER RAID SYSTEMS

The RAID 5 mode provides a fault tolerance feature. It requires a minimum of 3 drives in an array. In case one of the disks fails, the malfunctioning disk can be replaced with a new one. The source data can then be reconstructed back through parity calculation. RAID 0+1 mode stripes the data first and then mirrors the data. It provides another mode to achieve higher performance and data security.

Using this RAID system is as easy and familiar as using a single bay external enclosure. The need for software GUI installation is eliminated. Onboard LED indicators keep you apprised of system, connection, and HDD status while the user-friendly HDD tray design makes HDD hot-swapping effortless from the top end.

Two fans blow air through the hard disk drives to dramatically enhance internal air flow and efficiently cool the high speed SATA hard drives within the system.

STREAMLINES YOUR DATA STORAGE MANAGEMENT!

Speed and massive storage capacity are typically cited as the chief benefits of RAID storage management. Real-time redundant backup of data and fault tolerance make RAID a critical part of any enterprise, regardless of size. Commercial enterprises that fail to employ (or use) RAID or disk mirroring can face large costs in the event of disk failure. Upon careful analysis, potential adopters of RAID technology will discover that the greatest cost of disk failure is the accumulated long term loss of data and subsequently loss of time and money. Designed for professional users and the enterprise sector, the newly released 4-Bay Arcticroc Tower RAID systems helps prevent data loss and streamlines storage management.

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SPECIAL FEATURES:

- Provides flexible connections including eSATA, USB 2.0, 1394b and 1394a ports.
- Hard Drives are hot-pluggable.
- Simplifies HDD installation: effortless HDD hot-swapping.
- Configures RAID modes via mode switch: no IT expertise required.
- Simplifies RAID management: no software installation required.
- Allows hardware RAID mode settings for effective storage management.
- RAID 0 (Striping), RAID 1 (Mirroring), RAID 5, RAID 5+HotSpare, RAID 0+1
- Ensures data integrity with redundant backup capability.
- Maximizes airflow with silent fans.



PACKAGE CONTENTS:



MINIMUM SYSTEM REQUIREMENTS:

Mac and PC:

eSATA or
FireWire 800 (1394b IEEE) or
FireWire 400 (1394a IEEE) or
USB 2.0 (1.1) port(s).

Mac: PowerPC or Intel Core Duo processor

PC: 266Mhz or faster Intel or equivalent processor

Recommended Memory: 512MB RAM

OS Requirements

Mac: PowerPC or Intel processor running Mac OS 9, X, (Snow) Leopard

PC: Microsoft® Windows 2000, Me, XP, Vista, or Windows 7.

ARCTICROC 4T SPECS

Capacity

2TB, 4TB, 6TB, 8TB, 12TB

Rotational Speed

7200 RPM

RAID Supported

RAID 0 (Striping), RAID 1 (Mirroring), RAID 5,
RAID 5+HotSpare, RAID 0+1

Dimensions (LxWxH)

8.3" x 5.4" x 8.4" (210 x 138 x 213 mm)

Weight

Without HDD 5.0 Lbs (2.3 Kgs)
With 4xHDD's 8.4 Lbs (3.8 Kgs)

FAN

Two quiet fans

Power Requirement

AC outlet via Adaptor

Interface

USB 2.0 port x 1 up to 480MB/s,
FireWire 800 (1394b) x 1 up to 800MB/s,
FireWire 400 (1394a) x 1 up to 400MB/s
eSATA x 1 up to 3GB/s

Warranty

2 year limited warranty,
Unlimited toll-free telephone tech support

Capacity Disclaimer: Actual accessible hard drive capacity will indicate up to 10% lower than stated under different Operating Systems and formatting. Therefore, a 500GB capacity drive will show up as a 450GB drive (approximately.)

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