



IceCube3 Portable SATA II/3Gbps to USB2/1394b/SATA RAID



- Up to 5TB raw capacity using SATA II/3Gbps removable hard drives*
- Hot Swap Drives w/locking mechanisms
- OS independent RAID management - Unique back-plane design - True Hardware RAID Support: RAID-0, 1, 0+1, 3, 5, 6 & JBOD
- On-line RAID expansion, On-line Auto-rebuild -
- Access Ports 1394B (FireWire2), USB2 & SATA
- LCD displays for configuration status

ThinkCP™ Fire-n-Ice SATA II IceCube3

PART NUMBER

- TSP-TCP10061T**
- TSP-TCP1006125T**
- TSP-TCP10062T**
- TSP-TCP100625T**
- TSP-TCP1006375T**
- TSP-TCP10065T**

DESCRIPTION

- ThinkCP™ IceCube3 Portable 1TB SATA II/3Gbps to USB2/SATA/FW2 -1394B**
- ThinkCP™ IceCube3 Portable 1.25TB SATA II/3Gbps to USB2/SATA/FW2 -1394B**
- ThinkCP™ IceCube3 Portable 2TB SATA II/3Gbps to USB2/SATA/FW2 -1394B**
- ThinkCP™ IceCube3 Portable 2.5TB SATA II/3Gbps to USB2/SATA/FW2 -1394B**
- ThinkCP™ IceCube3 Portable 3.75TB SATA II/3Gbps to USB2/SATA/FW2 -1394B**
- ThinkCP™ IceCube3 Portable 5TB SATA II/3Gbps to USB2/SATA/FW2 -1394B**

ThinkCP™'s Fire-n-Ice SATA II IceCube3 is a professional RAID storage solution ideal for users requiring portable, fault-tolerant, high-capacity storage. Both reliable and affordable, the IceCube3 is well-suited for professionals involved with digital photography, videography, data-imaging, data-collection and other field related activities.

It's also the answer many studio and rendering artists have been looking for enabling them to work on projects both in and out of the office.

This version of the IceCube connects to systems supporting high-speed FireWire800, USB2.0 or SATA interfaces. ThinkCP™ populates and tests each IceCube3 using fast and affordable SATA II/3Gbps drives according to your specific requirements. For more rigorous environments, ThinkCP™ Technologies provides customization including shock mounting and environmental resistance.

Specifications

System Architecture

- Intel FW80219 400Mhz I/O Processor
- 128MB on-board DDR200 SDRAM with ECC protection
- Marvell 8 channel SATA II controller
- Areca ASIC to support extreme RAID 6 performance
- NVRAM for RAID configuration & transaction log
- Write-through or write-back cache support
- Firmware in Flash ROM for easy upgrades

RAID Features

- RAID level 0, 1, 0+1, 3, 5, 6 and JBOD
- Multiple RAID selection
- Online Array Roaming
- Online RAID level/stripe size migration
- Online RAID capacity expansion and RAID level migration simultaneously
- Online Dynamic Volume Set capacity expansion
- Automatic insertion/removal detection and rebuild
- Greater than 2TB per volume set

- Instant availability and background initialization
- Support S.M.A.R.T., NCW and OBB staggered spin-up capable drives

Disk Bus Interface

- SATA 1.5Gbps/SATA II 3Gbps

Host Connectivity

- Firewire 800 / USB 2.0/SATA
- (Optional - SCSI Ultra 320 Wide LVD)

Monitors / Indicators

- LCD Panel for setup and configuration
- 5 drive LED indicators and 3 environment LED indicators
- Environment and drive failure indication through LCD, LED and audible alarm

RAID Management

- Field upgradable firmware in flash ROM via RS-232 port
- Web browser based RAID management via ArchHttp Proxy through RS-232 for Windows, Linux & FreeBSD OS
- Firmware embedded manager via RS232 port or LCD panel - OS independent
- Firmware embedded browser based RAID manager, SMTP manager, SNMP agent and Telnet function via Ethernet port
- Support controller's API library for customer to write own AP

Power Supply

- 150w PFC, AC 100-130 or 220-264V, Manually Switched

Operating Temperature

- 5° to 50°

Dimension

- 9.5" H x 8.25" W x 12.5" D

Weight

- Approx. 19.8 Lbs (w/o HDD)



ISO 9001 : 2000
FM 54580

For additional information, options and pricing about our ThinkCP™ products, please contact our sales representatives - (800)726-2477 or email - SalesDesk@ThinkCP.com

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