FALCON SERIES 50tc

PRODUCT CONFIGURATION SHEET

INTERNAL CAPACITY: UP TO 20TB SATA*
EXTERNAL EXPANSION: YES
- WORKSTATION / CLIENT

What is a Falcon Video Storage System?

Dynamic Network Factory's Falcon series video management systems are ideal entry-level or midrange solutions for organizations looking for integrated high performance, image/video management and RAID protected storage. As demand increases for longer archive time, better video resolution and higher frame rates, each Falcon solution ensures maximized data retention and scalable performance.

Key Features:

▸ Up to 20TB Internal Capacity
▸ Compatible with Leading Industry Video Management Software
▸ Open Hardware Platform
▸ 8GB High Speed Video Cache
▸ 64-Bit Intel Dual-Core Architecture
▸ Self-Healing Options Available
▸ Upgrade options available for Intel Core i5 and i7 processors

FALCON SERIES 50tc

Internal Capacities (SATA)	Up to 20TB's *
External Expansion	iSCSI, USB3.0
SATA-III Disk Support	Yes
Operating System Options	Windows 7 Professional 64-bit

* Depending on RAID Configuration

SYSTEM SPECIFICATIONS

Form Factor	Small Tower Chassis
# of internal drives supported	up to 5
Max Internal Capacity	20TB
High Speed Video Cache	8GB
Gigabit Ethernet Ports	1 x GbE
Power Supply	520W w/PFC
USB Ports	4x rear & 2x front USB 3.0
VGA Ports	1x DVI, 1xVGA, 1xHDMI
Keyboard / Mouse Ports	1x PS/2 combo port
Optical Drives	External Only (not included)
Operating Temperature	10°C(50°F) ~ 35°C(95°F)
Non-Operating Temperature	-40°C(-40°F) ~ 70°C(158°F)
Dimensions	9.84" (W) x 14.72" (D) x 12.99" (H)

NETWORK INTERFACE CARD FEATURES:

▸▸ Support For10BASE-T, 100BASE-TX, And 1000BASE-T, RJ45 Output
▸▸ Support For Intel I/OAT 3 For Fast Scalable And Reliable Networking
▸▸ VMDq For Enhanced Performance Of Virtualization
▸▸ MSI-X, Low Latency Interrupts Improving Application Response Times
▸▸ Wide Pipelined Internal Data Path Architecture
▸▸ Support For TX/RX Of Jumbo Frames
▸▸ Built In Cable Diagnostics And Adjustments For Cable Faults
▸▸ Support For Packet Classification And Quality Of Service Applications
▸▸ IP, SCTP, TCP, And UDP Checksum Offloading For IPv4 And IPv6 Standards
▸▸ 802.1q VLAN Support With VLAN Tag Insertion
▸▸ Wake On LAN Support

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