FALCON SERIES 50td

PRODUCT CONFIGURATION SHEET

What is a Falcon Video Storage System?

Dynamic Network Factory's Falcon series small business appliances are ideal entry-level video management solutions. Each Falcon is an efficient, easy-to-deploy solution. With advanced data availability and performance, the Falcon allows security integrators to manage video content - not storage.

Key Features:

▸ Up to 60TB Raw Storage Capacity in Tower Chassis
▸ Up to 5 Internal SATA Drives
▸ Compatible with Leading Industry Video Management Software
▸ Open Hardware Platform
▸ Choice of 7th Gen Intel Core i3, Core i5, or Core i7 Processor
▸ Up to 64GB High Speed Video Cache (8GB Standard)
▸ Capable of Software RAID Levels 0 and 1
▸ Optional M.2 NVMe SSD(s) for OS (Single or Dual)
▸ Single-Port 1Gb Copper Ethernet Connectivity
▸ 1 x DVI-D, 1 x HDMI, 1 x VGA
▸ Supports up to 3 Individual Displays
▸ High-Efficiency 80-PLUS® Bronze Power Supply

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Internal Capacities	Up To 60TB* SATA
RAID Controller	**Standard:** Software RAID Supporting Levels 0 and 1 **Optional:** 6Gbps SATA Hardware RAID Controller with 1GB Cache Supporting Levels 0, 1, 5, 6, 10
Network	1 x 1GbE RJ-45
Video	1 x DVI-D, 1 x HDMI, 1 x VGA Up to 3 Individual Displays
Operating System Options	Windows 10 Professional

* Depending on RAID Configuration

CLIENT VIEWING, VIDEO STORAGE, & VIDEO RECORDING APPLIANCE

RAW CAPACITY: UP TO 60 TB
PROCESSING: CORE I3, I5 OR I7
VIDEO CACHE: 8GB TO 64GB

SYSTEM SPECIFICATIONS

Form Factor	Tower
# of Internal Disks	5
Max Internal Capacity	60TB
RAID Levels	Software RAID 0 and 1
Hardware RAID Controller	Optional
RAID Cache Protection	Optional (for HW RAID)
Processors	Intel Core i3, i5 or i7 2 - 4 Cores
High Speed Video Cache	8GB - 64GB
Ethernet Port	1 GbE
Power Supply	520W
USB Ports	4 x USB 3.0 / 2 x USB 2.0
Video Ports	1 x DVI-D, 1 x HDMI, 1 x VGA
Audio Ports	7.1 HD Audio Jacks
IPMI Management Port	No
PS/2 Keyboard/Mouse Port	2
Optical Drive	No
Dimensions	9.1"(W) x 20.9"(D) x 18.2"(H)

OPTIONAL HARDWARE RAID FEATURES:

▸▸ Online Capacity Expansion
▸▸ Online RAID Level Migration
▸▸ Auto-Resume after Loss of Power During Rebuild
▸▸ Single Controller Multipathing
▸▸ Configurable Stripe Size up to 1MB
▸▸ Load Balancing
▸▸ Consistency Check for Background Data Integrity
▸▸ Patrol Read for Media Scanning and Repairing
▸▸ Global & Dedicated Hot Spare w/Automatic Rebuild
▸▸ Inband SES & Sideband SGPIO Enclosure Management
▸▸ S.M.A.R.T. Support
▸▸ Storage Management Utility

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