



# Avid ISIS 5000

The benchmark for affordable shared storage



## Shared storage value

ISIS® 5000 is an advanced, reliable, real-time shared media storage system that is affordable for independent post, local broadcast, education, and corporate applications. Designed for media facilities and broadcasters requiring up to 48TB usable capacity and/or up to 40 client connections, ISIS 5000 utilizes the industry's leading storage software technology to deliver stable operation, high performance media access, and unmatched value.

ISIS 5000 fully supports Avid® editing systems and Interplay® workgroups as well as Apple Final Cut Pro editors. Based on proven technology from the leader in shared media storage and backed by the most rigorous real-time performance and workflow verification, ISIS 5000 provides unparalleled peace of mind.

## ISIS performance

Avid ISIS 7000 (formerly Avid Unity™ ISIS) broke new ground for highly-scalable performance, capacity, and connectivity. Today, ISIS File System software supports intensive, round-the-clock media production at major broadcast and production facilities worldwide. Based on that software, ISIS 5000 provides reliable, real-time quality of service, self-balancing data architecture, and predictable linear scalability. FlexDrive, the flexible and dynamically scalable storage workspace technology pioneered by Avid, ensures your ability to respond to ongoing changes and opportunity.

## Greater collaboration

ISIS 5000 adjusts to your business needs instead of requiring you to work around storage limitations. Scalable storage and flexible workspaces lets you consolidate workflow islands into a connected, fast-moving workgroup using Avid or Apple Final Cut Pro editors. The ability to change the capacity of storage volumes on the fly and quick user and system administration saves time and increases productivity. ISIS 5000 qualification with Avid Interplay and AirSpeed® Multi Stream servers brings the full power and productivity of Avid workflow to a wide range of broadcast, post production, education, and other content creators worldwide.

## Easy on your resources

ISIS 5000 supports your business with long term affordability that goes easy on your resources. With knowledgeable assistance available from Avid and Avid ACSR-trained reseller partners, set-up and installation are quick and straightforward. Included client licenses simplify deployment, and powerful, highly-intuitive administration tools make user set-up, storage management, system monitoring and diagnostics something you can handle directly without a dedicated system manager.

## Models that fit your needs

Three different models address a range of capacity and connectivity needs from 32 to 64 TB (pre-RAID) and from 4 to 40 client connections. Each ISIS 5000 Storage Engine houses sixteen 2 TB disk drives arrayed in three 4+1 RAID5 ranks plus a hot spare drive. The ISIS 5000 Engine houses an ISIS System Director CPU to perform metadata management and is protected with mirrored, field-replaceable system drives. Depending on the model, four 1Gbit Ethernet ports or a 10Gbit Ethernet port provide connectivity to one or two external switches, or directly connect to four 1Gbit clients. In addition, you have the option of separately sourcing a switch for the DC model.

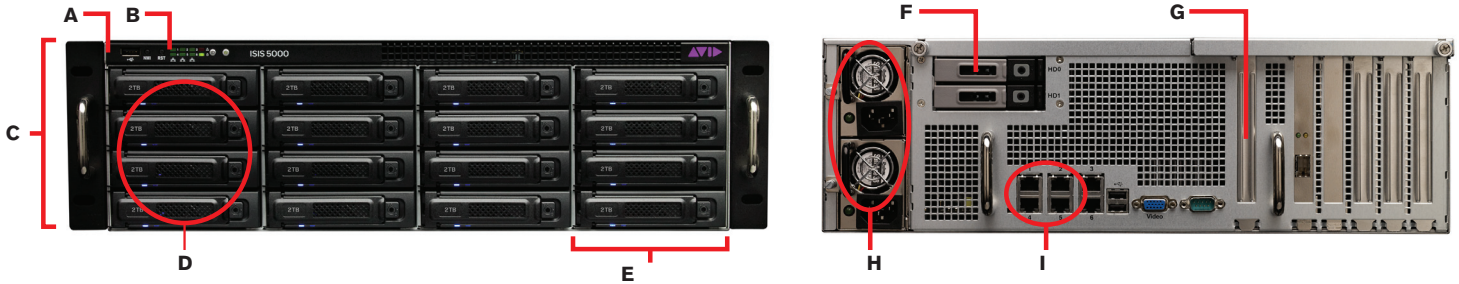
## Class-leading TCO

Not only is ISIS 5000 easy to use, it's easy to own. Every feature of ISIS 5000 provides more reliable operation, minimizes resource needs, and allows you to become more agile and responsive to new opportunities than ever before. Avid's thorough testing provides the predictability you need to make confident business decisions. One or three years Avid Priority Support is included, letting you lock in knowledgeable, comprehensive support at no extra cost.

## Partner with Avid

Avid's singular focus on supporting real-time shared media production has helped more media businesses raise productivity and increase content quality than all other systems combined. Now the power of ISIS technology enables more content creators than ever before to build their value while lowering their costs.

## Quality, Performance and Value – Input to Output.



A. Front accessible USB  
B. Status LEDs  
C. 3 Rack Unit  
16 Drive Engine

D. Hot Swappable Drive sleds  
E. Hot Spare Drive  
F. Dual System Drives

G. 10 Gigabit Ethernet interface  
H. Dual Power Supply Units with Fans  
I. 4x High Performance  
Gigabit Ethernet interfaces

## Specifications

### ISIS 5000 Engine

- Windows Storage Server 2008 64-bit
- Rack mount ready; 3U rack height
- Sixteen 2TB SATA II (7,200 rpm) media drives
  - Three 4+1 RAID-5 ranks plus hot spare
  - Automatic drive failure sensing and rebuild
- Lockable front bezel
- Dual power supplies
- Internal ISIS System Director metadata management
  - Redundant, mirrored SATA II system drives (rear accessible, hot swap)

### Dimensions

- Width (mounting) 17.00 in./432 cm. (total) 18.81 in./478 mm
- Height 5.25 in./134 mm.
- Depth 29.00 in./737 mm.
- Max Weight (shipping) 112 lbs/50.8 Kg.

### ISIS 5000 Network Interfaces (installed in ISIS 5000 Engine)

- 10G NIC XFP+
- 1000 1G NIC (4 ports)

### Avid ISIS File System

- 64-bit self balancing, distributed file system
- Enables guaranteed real-time access to storage
- Distributes file system management among clients, storage elements, and System Director

### Administration Tools

- Dynamic workspace set-up and monitoring
- FlexDrive dynamically adjustable storage workspaces without editing interruption
- User administration: view, create, define workgroups, delete and assign passwords
  - Active Directory (LDAP) integration for user account synchronization with IT systems
  - User workspace access controls
- Pictorial system component health monitoring and status notification
- Error warning and informational logging
- Monitoring: user status, workspace status, comprehensive event log, read and write bandwidth usage
- Remote notification of system events

### Environmental

- Operating Temperature: 0°C to 50°C
- Non-operating Temperature: -40°C - 70°C
- Relative Humidity (operating): 10% to 85% non-condensing
- Max power consumption: 460 W

### Collaboration

- Real-time editor support:
  - Avid Media Composer®
  - Apple Final Cut Pro
  - Avid Pro Tools®
  - Avid Symphony™
  - Avid NewsCutter®
  - Avid iNEWS® Instinct®

- Real-time workgroup support
  - Avid Interplay Production (all User Tools, Media Services, Server Applications except Interplay Low-Res Encode)
- Files/Folders: 3 Million
- User Accounts: 5000
- User Groups: 1000

### Ethernet Switch (32TB and 64TB models)

- Rack mount 1RU stackable 24-port Gigabit Ethernet switch
- 24 line-rate 10/100/1000Base-T ports
- 4 SFP optical Gigabit Ethernet ports (shared, when populated disable a 10/100/1000 port)
- 2 Module slots for 10G Ethernet and/or switch stacking
- Dual redundant power supplies Platform Support
- Qualified operating systems
  - Microsoft Windows XP Professional (32 bit)
  - Microsoft Windows Vista Business (64 bit)
  - Microsoft Windows version 7
  - Macintosh 10.6 Snow Leopard
- Qualified operating systems
  - 1 Gbit Ethernet,
  - Dual link 1 Gbit Ethernet

For more information visit [www.avid.com/isis5000](http://www.avid.com/isis5000)

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