



Avid ISIS 5000

The benchmark for shared storage value



Shared storage value

ISIS® 5000 is an advanced, real-time shared media storage system that addresses a wide range of shared storage applications for post production, broadcast, education, and corporate applications. Designed for media facilities and workgroups requiring up to 144 TB usable capacity and/or up to 90 client connections, ISIS 5000 utilizes the industry's leading and most trusted storage software technology to deliver stable operation, high performance media access, and unmatched value.

ISIS 5000 fully supports Avid® Media Composer®, NewsCutter®, Symphony™, DS, Pro Tools|HD 10 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 a solid foundation for dynamic content creation.

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 bandwidth 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 let you consolidate workflow islands into connected, fast-moving workgroups. The ability to adjust workspace capacity 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 wider range of broadcast, post production, and education production groups than ever before.

Easy on your resources

ISIS 5000 supports your business with long term affordability that goes easy on your resources. Set-up and installation are quick and straightforward, and knowledgeable assistance from Avid and Avid ACSR-trained reseller partners is always at hand. 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.

Fits your needs

With a choice of capacity ranges that scale from 16 to 96 TB (12 to 72 TB with RAID) or 32 TB to 192 TB (24 TB to 144 TB with RAID) and from 4 to 90 switched client connections, ISIS 5000 meets a broad range of needs with affordable entry points and ample scalability. Each ISIS 5000 Storage Engine houses sixteen 1 TB or 2 TB disk drives arrayed in three 4+1 RAID5 ranks plus a hot spare drive. Storage metadata management is performed by the System Director CPU housed in the ISIS Engine, and is protected with mirrored, field replaceable system drives and ability to shift operation to a standby System Director in a different Engine. 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 switches.

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 component testing and workflow qualification 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.

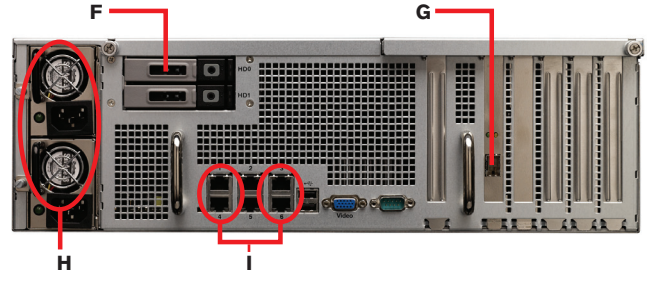
Partner with Avid

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.

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- 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
(Optional for 16GB Engines)
- 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 1TB or 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)
 - Standby System Director initiation

DIMENSIONS

- Width (mounting) 17.00 in./432 mm (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 Ethernet NIC XFP+
 - 4 ports 1G Ethernet (1000BASE-T)

Avid ISIS File System

- 64-bit self balancing, distributed file system
- Enables 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: 5°C to 40°C
- Non-operating Temperature: -40°C - 70°C
- Relative Humidity (operating): 10% to 85% non-condensing
- Max power consumption: 380 W

COLLABORATION

- Files/Folders: 3 Million
- User Accounts: 5000
- User Groups: 1000
- Avid editor support:
 - Media Composer
 - Pro Tools|HD 10
 - Symphony
 - DS
 - NewsCutter
 - iNEWS® Instinct®
- Apple Final Cut Pro support

- Real-time asset management support
 - Avid Interplay Production (User Tools, Media Services, Server Applications including Interplay Low-Res Encode)

ETHERNET SWITCHES CISCO CATALYST

- 4948E: Rack mount 1RU stackable 1GigE; 48 line-rate 10/100/1000Base-T ports; 2 10GigE uplink interfaces
- 4900M: Rack mount 1GigE and 10GigE; 8 10GigE ports plus 2 modules; 20 line rate 10/100/1000Base-T ports

Force10 Networks

- Rack mount 1RU stackable 24 or 48 port
- S25N: 24 10/100/1000Base-T; 4 alternate SFP optical; 2 slots for 10GigE and/or switch stacking
- S25P: 24 SFP optical 1GigE ports; 4 alternate 10/100/1000Base-T ports; 2 slots for 10GigE and/or switch stacking
- S60: 44 10/100/1000Base-T ports; 4 SFP optical 1GigE ports; 2 slots for 10GigE and/or switch stacking
- S4810: 48 Configurable 1000BaseT/10GBase-X ports

PLATFORM SUPPORT

- Qualified operating systems
 - Microsoft Windows XP Professional (32 bit)
 - Microsoft Windows Vista Business (64 bit)
 - Microsoft Windows version 7 (64-bit)
 - Macintosh 10.7 Lion (64-bit)
- Qualified network connections
 - 1 Gbit Ethernet,
 - Dual link 1 Gbit Ethernet

For more information visit www.avid.com/isis5000

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