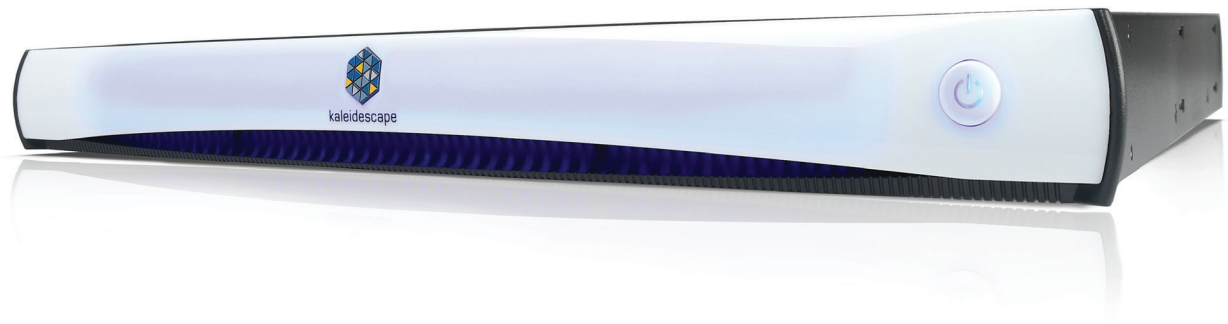
PREMIERE

KALEIDESCAPE 1U SERVER

kaleidescape



AT A GLANCE:

- Storage for about 485 imported Blu-ray discs, or 2,700 DVD quality downloads
- Servers group to store thousands of movies and CD albums
- Proprietary RAID-K technology
- Up to 50 simultaneous DVD quality movies
- Up to 15 simultaneous playbacks of Blu-ray quality movies

KALEIDESCAPE 1U SERVER STORES YOUR MOVIES AND MUSIC, AND PROTECTS THEM WITH RAID-K.

The Kaleidescape 1U Server was designed from the ground up to store movies and music reliably on a modern array of hard drives, without compression or loss of quality. Designed to fit into home-entertainment systems, the 1U Server is highly scalable and able to continue operating even after a drive failure, without losing any content.

Kaleidescape servers provide storage for movies imported from Blu-ray disc or the Kaleidescape Movie Store and music imported from CD. A single 1U Server provides storage capacity for approximately 485 imported Blu-ray discs, or 2,700 DVD quality movies. Multiple servers can be grouped into a single system to store thousands of movies.

The Kaleidescape 1U Server provides fail-safe storage for your movie and CD music collection using a proprietary disk storage technology called RAID-K. If a drive fails, the Kaleidescape System continues to operate, and no content is lost. The failed drive can be replaced without turning off the server or disrupting any playback.

The Kaleidescape 1U Server delivers movies and music over a standard residential network simultaneously to Kaleidescape players throughout the home. Once movies and music are stored on your 1U Server, they can be enjoyed immediately from any player. For playback of content imported from Blu-ray disc, the physical disc must be present in one of your M500 Players or in a Kaleidescape Disc Vault.

TECHNICAL DETAILS AND SPECIFICATIONS

KALEIDESCAPE 1U SERVER



DIMENSIONS
- 17.5in × 1.7in × 18.8in (W × H × D) (44.5cm × 4.3cm × 47.8cm)

WEIGHT
- 15.0lb (6.8kg) with no disk cartridges installed
- 24.0lb (10.9kg) with four disk cartridges installed

POWER
- Max consumption: 86W
- Typical: 66W
- 100–240V, 50–60Hz universal input

NETWORK
- 100Base-TX/1000Base-T Ethernet (RJ45 connector)

OTHER CONNECTIONS
- RS-232 control port (DB-9 male)
- Two USB 2.0 (reserved)

ENVIRONMENT
- Operating temperature: 41 to 86°F (5 to 30°C)
- Storage temperature: -4 to 140°F (-20 to 60°C)
- Relative humidity: 5% to 90% non-condensing
- Maximum operating altitude: 10,000ft (3,048m)
- Heat output: 290 BTU/hr (86W) max with four disk cartridges
- Airflow: 10 CFM (17 m^3/hr) max

VENTILATION
- Minimum 1in (2.5cm) space at the front
- Minimum 2in (5cm) space at the rear

RACK MOUNT
- Rack ears included for mounting in a 19in rack, 1U space

CERTIFICATIONS
- CSA 60950-1
- IEC 60950-1
- FCC Class B
- CE
- EAC
- RoHS compliant

STORAGE
- One disk cartridge for data protection (RAID-K parity)
- Three disk cartridges for content. Storage for about 485 Blu-ray quality movies or 2,700 DVD quality movies when using 6TB Disk Cartridges
- Multiple servers can be grouped to store even more movies

BANDWIDTH
- Serves Blu-ray quality movies to up to 15 zones simultaneously
- Serves DVD quality movies or music to up to 50 zones simultaneously
- Up to four imports can be stored simultaneously

LIMITED WARRANTY
- 3 years (extendable)

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