



kaleidescape

# Kaleidescape 1U Server

KSERVER-1500



- **Stores up to 450 DVDs or 5,000 CDs**
- **More Servers can be added to store thousands of DVDs and CDs in one library**
- **Proprietary RAID-K technology keeps your content safe**
- **Serves up to 45 simultaneous video or audio zones per Server**
- **Uses standard 100/1000Base-T Ethernet**
- **Requires only 1.75 inches (1U) of rack space**
- **Automatically alerts Kaleidescape when a service call is required**
- **Automatic software updates from Kaleidescape via the Internet**

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

As your collection grows, you can add additional Kaleidescape Disk Cartridges to increase storage capacity for your movies and music. A single 1U Server can store up to 450 DVDs or 5,000 CDs. Multiple Servers can be clustered in a single System to store thousands of movies and albums as a single collection.

The Kaleidescape 1U Server provides redundant storage for your 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 is replaced without turning off the Server or disrupting playbacks that are in progress.

The Kaleidescape 1U Server delivers movies and music, over a standard residential network, simultaneously to Kaleidescape Movie Players and Music Players throughout the home. Once movies and music are stored on your Kaleidescape 1U Server, they can be enjoyed instantly in any Player-equipped room.



Contoured edges of faceplate provide a finished look by partially concealing the rack screws.



## KSERVER-1500 Specifications

### Storage Capacity

- One 1 TB Disk Cartridge for data protection
- Each additional 1 TB Disk Cartridge stores 150 DVDs or 1,650 CDs
- Expandable to 4 Disk Cartridges for a maximum of 3 terabytes (450 DVDs or 5,000 CDs)
- More Servers can be added to store thousands of DVDs and CDs in one library

### Bandwidth Capacity

- 45 simultaneous independent video or audio zones per Server
- 4 simultaneous DVD or CD imports

### Connections

- 100/1000Base-T Ethernet (RJ45)
- RS-232 for control systems (DB-9 male)
- Two USB 2.0 (reserved)

### Dimensions (w x h x d)

- 17.5 x 1.7 x 18.8 inches (44.5 x 4.3 x 47.8 cm)
- 1 rack unit

### Weight

- 15 pounds (6.8 kg) with no Disk Cartridges installed
- 24 pounds (10.9 kg) with 4 Disk Cartridges installed

### Power

- 100-240V, 50-60Hz universal input
- 80W typical power consumption with four Disk Cartridges (104W maximum)

### Environmental

- Operating: 5 to 35°C (41 to 95°F)
- Storage: -20 to 60°C (-4 to 140°F)
- Relative humidity: 5% to 90% non-condensing
- 355 BTU/hr heat output (max)
- Airflow: 10 CFM

### Certifications

- CSA (IEC 60950-1:2001, CSA 60950-1-03, UL 60950-1)
- FCC Class B, CE
- RoHS compliant



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