



kaleidescape™

Kaleidescape 1U Server

KSERVER-1500



- **Stores up to 335 DVDs or 3,750 CDs**
- **Multiple Servers can be clustered to provide over 100 terabytes of seamless storage**
- **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 335 DVDs or 3,750 CDs. Multiple Servers can be clustered in a single System to store many 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 disk 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.



Optional white side bezels shown for free-standing installations.

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



KSERVER-1500 Specifications

Storage Capacity

- RAID-K data protection Disk Cartridge standard
- Each additional 750GB Disk Cartridge stores 112 DVDs or 1,250 CDs
- Expandable to 4 Disk Cartridges for a maximum of 2.25 terabytes (335 DVDs or 3,750 CDs)
- Multiple Servers can be clustered seamlessly to provide over 100 terabytes (15,000 DVDs or 170,000 CDs)

Service 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 cm x 4.3 cm x 47.8 cm) without side bezels
- 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
- 1A consumption with 4 Disk Cartridges

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
- Thermal output: 341 BTU/hr maximum
- 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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