



kaleidescape™

Kaleidescape 5U Server

KSERVER-2500

- **Stores up to 825 DVDs or 9,500 CDs**
- **Scales to store DVD and CD collections of any size**
- **Proprietary RAID-K technology keeps your content safe**
- **Serves up to 25 simultaneous video or audio zones per Server**
- **Uses the standard residential Ethernet network**
- **Automatically notifies Kaleidescape of problems (e.g., disk failure) so that Kaleidescape can alert your dealer**
- **Automatically receives and installs software updates from Kaleidescape via the Internet**



The Kaleidescape 5U 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 5U Server is highly scalable and able to continue running even after a disk fails, without losing any content. A single 5U Server can store up to 825 DVDs or 9,500 CDs. As your collection grows you can add additional Kaleidescape Disk Cartridges to increase storage for your movies and music. Multiple Servers can be clustered in a single System to store thousands of movies and tens of thousands of albums as a single collection.

The Kaleidescape 5U Server provides redundant storage for your collection using a proprietary disk storage technology called RAID-K. If a disk fails, no movies or albums are lost, and the failed disk may be replaced without the need to power down the Server.

The Kaleidescape 5U Server can deliver movies and music, over a standard residential network, simultaneously to Kaleidescape Movie Players and Music Players throughout the home. Once your movies and music are stored on your Kaleidescape 5U Server, they can be enjoyed instantly in any Player-equipped room.



KSERVER-2500 Specifications

Storage Capacity

- Two hot-pluggable 500GB Kaleidescape Disk Cartridges, expandable to 12, including one used for RAID-K data protection
- Up to 5.5 terabytes of usable storage per server (825 DVDs or 9,500 CDs)
- Multiple servers can be clustered together for virtually unlimited capacity

Service Bandwidth Capacity

- 25 simultaneous independent video or audio zones
- 5 simultaneous DVD or CD imports

Connections

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

Dimensions (w x h x d)

- 17.2 in x 8.7 in x 18.2 in (43.7 cm x 22.1 cm x 46.2 cm)
- 5 rack units

Weight

- 78 pounds (35.4 kg) with 12 Disk Cartridges

Power

- 100-240V 50-60Hz, 3A with 12 Disk Cartridges

Environmental

- Operating: 5 to 40°C (41 to 104°F)
- Storage: -20 to 60°C (-4 to 140°F)
- Relative humidity: 5% to 95%, non-condensing

Certifications

- ENTELA (IEC 60065, CSAC22.2 E560065, UL60065)



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