

KALEIDESCAPE TERRA MOVIE SERVER



kaleidescape



AT A GLANCE

- Terra with 40 TB of storage can store 600 to 1,200 movies with a typical mix of 4K Ultra HD, Blu-ray quality, and DVD quality titles
- Multiple Terra servers can be combined to store even more movies
- All movies are protected by cloud backup
- Provides caching and computing services that enhance player performance and enable large systems
- Supports configurations with large numbers of players
- Distributes up to 10 4K Ultra HD movies simultaneously
- Distributes up to 15 Blu-ray quality movies simultaneously
- Advanced content protection features for storage of 4K Ultra HD movies
- Custom rack ears available (sold separately)

KALEIDESCAPE TERRA IS THE HIGH PERFORMANCE CORE OF A MULTI-ZONE STRATO SYSTEM & ADDS STORAGE TO EXISTING SYSTEMS

The Kaleidescape Terra movie server stores high-fidelity movies on an array of enterprise-quality hard drives without compression or loss of quality. Along with storing movies, Terra provides caching, staging, and computing services that improve player performance and enable scaling to a large number of players.

Kaleidescape Terra is the foundation of a multiroom Kaleidescape Strato system. A Terra Movie Server can support any number of Strato C players, and can distribute up to 10 simultaneous 4K Ultra HD playbacks. Kaleidescape Terra with Strato C players provides the best 4K Ultra HD performance and the most flexibility for future expansion.

Terra can simultaneously serve movies over a standard residential network to Strato, Strato S, Strato C, and Alto players anywhere in the home. Once a movie is downloaded and stored on Terra, it can be enjoyed immediately from any player.

Kaleidescape's proprietary kOS operating system enables Terra to provide the advanced content protection required by Hollywood movie studios for their highest-fidelity movies.

Terra is designed to continue operating even after a hard drive fails. When the failed drive is replaced, its movies are automatically restored from the cloud.

You can purchase Terra with either 24TB or 40TB of storage. Terra with 24TB stores 360 to 720 movies with a typical mix of 4K Ultra HD, Blu-ray quality and DVD quality titles. Terra with 40TB stores 600 to 1,200 movies.

KALEIDESCAPE TERRA



DIMENSIONS

- 17.0in × 3.5in × 10.0in (W × H × D)
(43.2cm × 8.9cm × 25.4cm)

WEIGHT

- 15.4lbs (7.0kg) with no hard drives installed
- 21.6lbs (9.8kg) with four hard drives installed

POWER

- Max consumption: 45W
- Typical: 40W
- External power adapter: 100–240V, 50–60Hz universal input @ 1.5A, 80W with detachable line cord

NETWORK

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

OTHER CONNECTION

- USB 3.0 (reserved)

ENVIRONMENT

- Operating temperature: 41 to 95°F (5 to 35°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: 154 BTU/hr (45W) max with four hard drives
- Airflow: 15 CFM (25.5 m³/hr) max

VENTILATION

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

RACK MOUNT

- Rack ears available for mounting in a 19in rack, 2U space (sold separately)

CERTIFICATIONS

- CSA 60950-1
- IEC 60950-1
- FCC CLASS B
- CE
- RoHS Compliant

STORAGE

- Available with four 6TB or 10TB hard drives (24TB or 40TB total)
- 24TB configuration stores up to 360 4K Ultra HD movies, 650 Blu-ray quality movies, or 3,600 DVD quality movies
- 40TB configuration stores up to 600 4K Ultra HD movies, 1,000 Blu-ray quality movies, or 6,000 DVD quality movies

BANDWIDTH

- Serves 4K Ultra HD movies simultaneously to up to 10 viewing zones
- Serves Blu-ray movies simultaneously to up to 15 viewing zones
- Serves DVD quality movies simultaneously to up to 50 viewing zones

LIMITED WARRANTY

- 3 years (extendable)



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