TERRA MOVIE SERVER

4K ULTRA HD, HIGH DYNAMIC RANGE, LOSSLESS AUDIO

AT A GLANCE

- Terra with 72TB of storage can store 1,080 to 2,160 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

- Terra can download at up to 800 Mbps, downloading a 4K Ultra HD movie in 10 to 12 minutes

- Enterprise-class computing performance and reliability for support of large systems

- Provides caching and computing services that enhance player performance and enable large systems

- Supports configurations with large numbers of players

- Serves up to 10 simultaneous 4K Ultra HD movies

- Advanced content protection features for storage of 4K Ultra HD movies

- Custom rack ears with faceplate available (sold separately)

Kaleidescape Terra is the high performance core of a multi-zone system and adds storage to existing systems.

The Kaleidescape Terra movie server stores full-fidelity movies on an array of enterprise-quality hard drives, maintaining visual detail and lossless audio. In addition to 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 multi-room Kaleidescape Strato system. A Terra movie server can support any number of Strato C players and is capable of serving 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 Gigabit Ethernet network to Strato S and Strato C players anywhere in the home. Once a movie is downloaded and stored on Terra, it can be enjoyed immediately from any player. Terra is designed to continue operating even after a hard drive fails. Movies will automatically be restored from the cloud.

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

Terra is available with either 72TB, 48TB, or 24TB of capacity. Multiple Terras can be combined for more storage.

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

WEIGHT
- 15.4lb (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
- Gigabit Ethernet (1000 Base-T)

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: 20 to 80% (operation) 5 to 90% (storage)
- Maximum operating altitude: 10,000ft (3,048m)
- Heat output: 154 BTU/hr (45W) max
- Airflow: 10 CFM (17 m3/hr) max

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

RACK MOUNT (sold separately)
- Rack shelf available for mounting in a 19in rack, 2RU space

CERTIFICATIONS
- CSA 62368-1
- CSA 60950-1
- IEC 62368-1
- IEC 60950-1
- FCC CLASS B
- CE
- RoHS Compliant

STORAGE
- Available with four 18TB, 12TB or 6TB hard drives (72TB, 48TB, or 24TB total)
- 72TB configuration stores up to 1,080 4K Ultra HD movies, 1,950 Blu-ray quality movies, or 10,800 DVD quality movies
- 48TB configuration stores up to 720 4K Ultra HD movies, 1,300 Blu-ray quality movies, or 7,200 DVD quality movies
- 24TB configuration stores up to 360 4K Ultra HD movies, 650 Blu-ray quality movies, or 3,600 DVD quality movies

MOVIE SERVER
- Maximum download rate: 800 Mbps
- Serves 4K Ultra HD (or 4K HDR) 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 40 viewing zones

LIMITED WARRANTY
- 3 years (extendable)