



# TERRA MOVIE SERVER

4K ULTRA HD, HIGH DYNAMIC RANGE, LOSSLESS AUDIO

## AT A GLANCE

- Terra with 88TB of storage can store 1,467 to 2,640 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 88TB or 48TB 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 12VDC @ 12.5A, 150W 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 22TB or 12TB hard drives (88TB or 48TB total)
- 88TB configuration stores up to 1,467 4K Ultra HD movies, 2,383 Blu-ray quality movies, or 13,577 DVD quality movies
- 48TB configuration stores up to 800 4K Ultra HD movies, 1,300 Blu-ray quality movies, or 7,200 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

- 5 years