



# kaleidescape



full size SSD  
123TB, 31TB



compact SSD  
8TB

## Terra Prime Solid-State

NEXT-GENERATION MOVIE SERVER WITH ULTIMATE PERFORMANCE

### AT A GLANCE

- Serves up to 25 simultaneous Kaleidescape high-bitrate 4K movies
- Terra Prime SSD can download a 4K movie in as little as four minutes
- Kaleidescape 4K movies have lossless audio and reference video
- All movies are stored securely and protected by cloud backup
- Terra movie servers enable large configurations
- Terra Prime SSD 123TB stores ~2,000 Kaleidescape high-bitrate 4K movies
- Up to four Terra servers can be combined for more storage

**Terra Prime Solid-State is the fastest and quietest movie server available, the ideal choice for marine and state-of-the-art installations.**

The new Terra Prime Solid-State is the only dedicated movie server with 2.5 Gigabit Ethernet and data center grade solid-state drives, enabling the fastest downloads and the most simultaneous movie playbacks.

Made in the USA, Kaleidescape movie servers are custom designed and manufactured for reliable, premium performance that other solutions can't guarantee.

Kaleidescape's operating system (kOS) is custom developed, managed, and controlled internally, with automatic updates, providing the best experience of any movie server on the market.

Terra Prime Solid-State movie servers can download a Kaleidescape high-bitrate 4K movie in as little as four minutes, with properly configured 2.5 Gbit/sec capable networking, hardware, and ISP.

# Terra Prime Solid-State | TECHNICAL DETAILS AND SPECIFICATIONS



## SHARED SPECIFICATIONS

### MOVIE SERVER

- Downloads Kaleidescape high-bitrate 4K movies in as little as 4 minutes
- Serves up to 25 simultaneous playbacks of Kaleidescape high-bitrate 4K movies

### NETWORK

- 2.5 Gigabit Ethernet (recommended)
- 1 Gigabit Ethernet (minimum)

### ENVIRONMENT

- Operating: 41 to 95°F (5 to 35°C)
- Storage: -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)

### VENTILATION

- Full Size - 10 CFM (17 m3/hr) max
- Compact - 5 CFM (8.4 m3/hr) max
- Minimum 1in (2.5cm) space at the front
- Minimum 2in (5cm) space at the rear

### CERTIFICATIONS

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

### EXTERNAL POWER ADAPTER

- External power adapter: 2.6×1.4×6.5in (6.6×3.5×16.5cm) 150W with detachable line cord 100-240V, 50-60Hz universal input 12VDC @ 12.5A

## FULL SIZE | 123, 31 TB

### DIMENSIONS

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

### WEIGHT

- 19.8lbs (9.0kg) with four solid-state drives + heat sink cartridges installed

### FAN NOISE

- Typical: 21 dB(A)

### POWER

- Max consumption: 28W
- Typical: 22W

### STORAGE

- Four removable 30.72 or 7.68 TB solid-state TLC flash drives (122.88 or 30.72 TB total)
- 123TB configuration: stores ~2,000 Kaleidescape high-bitrate 4K movies, ~3,000 HD movies, or ~17,500 SD movies
- 31TB configuration: stores ~500 Kaleidescape high-bitrate 4K movies, ~800 HD movies, or ~4,600 SD movies

### RACK MOUNT (sold separately)

- Rack shelf available for mounting one unit in a 19in rack, 2RU space

## COMPACT | 8 TB

### DIMENSIONS

- 7.87×1.52×14.33in (W×H×D) (20.0×3.9×36.4cm)

### WEIGHT

- 6.6lbs (3.0kg)

### FAN NOISE

- Typical: 17 dB(A)

### POWER

- Max consumption: 22W
- Typical: 16W

### STORAGE

- One integrated 7.68 TB solid-state TLC flash drive
- Stores ~125 Kaleidescape high-bitrate 4K movies, ~200 HD movies, or ~1,150 SD movies

### RACK MOUNT (sold separately)

- Rack shelf available for mounting one or two units in a 19in rack, 1RU space

