



kaleidescape



full size SSD
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 31TB stores ~500 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)

OTHER CONNECTION

- USB 3.0 (reserved)

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

- Airflow: 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

FULL SIZE | 31 TB

DIMENSIONS

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

WEIGHT

- 15.4lb (7.0kg) with no drives installed
- 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
- 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

STORAGE

- Four removable 7.68 TB solid-state TLC flash drives (30.72 TB total)
- 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
- 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

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

