

Space Needle vs. Stratosphere Comparison

The most important characteristics of both structures.

The Space Needle - Seattle, Washington

- **Address:** 400 Broad St, Seattle, WA 98109, USA
- **Height:** The Space Needle stands at 605 feet (approximately 184 meters) tall.
- **Cost:** Opened in 1962 costing \$4.5 million.
- **The View:** The elevator provides views and facts during ascent. Private elevator access adds comfort. The revolving glass floor enhances the observation experience.
- **Attractions:** Revolving glass floor, Observation deck with glass walls
- **Dining Options:** Food options include a basic cafe and an upscale restaurant.
- **Wind Resistance:** The Space Needle is designed to withstand winds of up to 200 mph (about 320 kph), which is double the standard set out in the building requirements of 1962.
- **Earthquake Resistance:** It can withstand earthquakes up to a magnitude of 9.1, thanks to its deep foundations. Tested in 2001 during a 6.8 magnitude earthquake, which caused only minor disturbances.

Stratosphere - Las Vegas, Nevada

- **Address:** 2000 Las Vegas Blvd S, Las Vegas, NV 89104, USA
- **Height:** The Strat's observation tower reaches a height of 1,149 feet (350.2 meters.)
- **Cost:** Opened in 1996 costing \$550 million.
- **The View:** The stratosphere offers expansive views of Las Vegas and the desert. Night views of the Strip are particularly stunning.
- **Attractions:** The Big Shot, Insanity The Ride, X-Scream.
- **Dining Options:** Dining experience with scenic views.
- **Wind Resistance:** The tower underwent modifications and additions, including changes in geometry, a proposed extended spire, and evaluation of wind loads on partially completed segments.
- **Earthquake Resistance:** Designed with earthquake safety measures to handle the seismic activity that can occur in Nevada.