

## Petronas Twin Tower 2

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**Height: To Tip**

451.9 m / 1,483 ft

**Height:**

**Architectural**

451.9 m / 1,483 ft

**Height: Occupied**

375 m / 1,230 ft

**Height: Observatory**

370 m / 1,214 ft

**Floors Above Ground**

88

**Floors Below Ground**

5

**# of Elevators**

39

**Top Elevator Speed**

7 m/s

**Tower GFA**

197,500 m<sup>2</sup> / 2,125,872 ft<sup>2</sup>

### Facts

<b>Official Name</b>	Petronas Twin Tower 2
<b>Name of Complex</b>	<a href="#">Petronas Towers</a>
<b>Other Names</b>	Tower 2, Petronas Twin Tower Kuala Lumpur City Centre, Petronas Tower 2
<b>Structure Type</b>	Building
<b>Status</b>	Completed
<b>Country</b>	<a href="#">Malaysia</a>
<b>City</b>	<a href="#">Kuala Lumpur</a>
<b>Street Address &amp; Map</b>	<a href="#">Jalan Ampang</a>
<b>Postal Code</b>	50088
<b>Building Function</b>	office
<b>Structural Material</b>	composite <ul style="list-style-type: none"> <li>• Core: Reinforced Concrete</li> <li>• Columns: Reinforced Concrete</li> <li>• Floor Spanning: Steel</li> </ul>

**Construction Start** 1992

**Completion** 1998

**Official Website** [Petronas Twin Towers](#)

### Rankings

Click arrows to view the next taller/shorter buildings

**Global Ranking** #15 Tallest in the [World](#)



**Regional Ranking** #12 Tallest in [Asia](#)



**National Ranking** #1 Tallest in [Malaysia](#)



**City Ranking** #1 Tallest in [Kuala Lumpur](#)



### Companies Involved

<b>Developer</b>	<a href="#">KLCC Property Holdings Berhad</a>
<b>Architect</b>	<ul style="list-style-type: none"> <li>• <a href="#">Design</a> <a href="#">Cesar Pelli &amp; Associates</a></li> <li>• <a href="#">Architect of Record</a> <a href="#">Adamson Associates</a></li> </ul>
<b>Structural Engineer</b>	<ul style="list-style-type: none"> <li>• <a href="#">Design</a> <a href="#">Thornton Tomasetti</a></li> <li>• <a href="#">Engineer of Record</a> <a href="#">Ranhill Bersekutu Bhd</a></li> </ul>
<b>MEP Engineer</b>	<ul style="list-style-type: none"> <li>• <a href="#">Design</a> <a href="#">WSP Flack + Kurtz</a></li> <li>• <a href="#">Engineer of Record</a> <a href="#">KTA Tenaga Sdn Bhd</a></li> </ul>
<b>Project Manager</b>	<a href="#">Lend Lease</a>
<b>Main Contractor</b>	<a href="#">Kukdong Engineering &amp; Construction</a> ; <a href="#">Samsung C&amp;T Corporation</a> ; <a href="#">Syarikat Jasatera Sdn. Bhd.</a>
<b>Other Consultant</b>	<ul style="list-style-type: none"> <li>• <a href="#">Damping</a> <a href="#">RWDI</a></li> <li>• <a href="#">Façade</a> <a href="#">Vidaris, Inc.</a></li> <li>• <a href="#">Façade Maintenance</a> <a href="#">Manntech Building System</a></li> <li>• <a href="#">Fire</a> <a href="#">Rolf Jensen &amp; Associates</a></li> <li>• <a href="#">Wind</a> <a href="#">RWDI</a></li> </ul>
<b>Material Supplier</b>	<ul style="list-style-type: none"> <li>• <a href="#">Construction Hoists</a> <a href="#">Alimak Hek</a></li> <li>• <a href="#">Elevator</a> <a href="#">Otis Elevator Company</a></li> <li>• <a href="#">Façade Maintenance Equipment</a> <a href="#">Manntech Building System</a></li> <li>• <a href="#">Fire Proofing</a> <a href="#">Grace Construction Products</a></li> <li>• <a href="#">Paint/Coating</a> <a href="#">Jotun</a></li> <li>• <a href="#">Sealants</a> <a href="#">Dow Corning Corporation</a></li> <li>• <a href="#">Steel</a> <a href="#">Arbed</a></li> </ul>

### About Petronas Twin Tower 2

The Petronas Towers, located in Kuala Lumpur, were designed to herald the emergence of Malaysia into the global economy and act as an easily identifiable symbol for the fast-growing country.

The development's scope, scale, and design reflect the desire to create a representative manifestation of local traditions and ingenuity. In particular, the design is based on Islamic geometry, a reflection of Malaysia's cultural heritage. The buildings are perhaps most noteworthy for the skybridge that connects them on the 41st and 42nd floors. Although there is no structural benefit to the connection, it offers more than just an architectural flourish. By linking the two buildings together, the facilities of each tower around that level can be shared, including a conference room, prayer room, and executive dining room. Additionally, the skybridge is an integral part of the towers' fire evacuation strategy.

Due to budgetary constraints, the development timeline of Petronas Towers was constrained to six years, an ambitious feat considering that the original expected construction time for the project was eight years. To speed things along, two construction consortiums were hired, each being responsible for building one of the towers. Naturally, incentives were established that rewarded the first team to the top with the rights to build the skybridge, resulting in a race between the Japanese and South Korean consortiums. Ultimately, Tower 2 was the first to reach its pinnacle, with the South Korean crew claiming victory.

## Petronas Twin Tower 2

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### CTBUH Initiatives

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#### **CTBUH Study Examines Tallest Buildings with Dampers**

22 Aug 2018 – CTBUH Research

#### **Top Company Rankings: The World's 100 Tallest Buildings**

13 Oct 2016 – CTBUH Research

#### **Height: The History of Measuring Tall Buildings**

Dec 2009 – CTBUH News

[More Initiatives](#) →

### Videos

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#### **Rethinking CTBUH's Height Criteria in the Context of Tall Timber**

30 Oct 2017 – Robert Foster, The University of Queensland

#### **Building Tall Skyscraper Lecture Series: How High Can We Go?**

16 Mar 2017 – Antony Wood, CTBUH; Richard Tomasetti, Thornton Tomasetti; Ian Smith, thyssenkrupp, Gordan Gill, Adrain Smill + Gordon Gill Architecture

#### **CTBUH 2016 China Conference - Panel, "Tall Buildings and Context: How High Can We Go and Why Should We?"**

18 Oct 2016 – Ron Klemencic, Magnusson Klemencic Associates; Karl Almstead, Turner Construction Company; Andrew Nicholson, CBRE; Jon Pickard, Pickard Chilton; Ian Smith, thyssenkrupp

[More Videos](#) →

### Research Papers

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#### **World's Tallest Buildings with Dampers**

Jul 2018 – CTBUH Journal, 2018 Issue III

#### **Rethinking Evacuation: Rethinking Cities**

Aug 2011 – CTBUH Journal, 2011 Issue III

#### **Structural Design of Reinforced Concrete Tall Buildings**

Feb 2010 – CTBUH Journal, 2010 Issue I

[More Papers](#) →

### Other Building Facts

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Tallest twin-tower buildings in the world.

Shared world's tallest building title with Petronas Tower 1; 1998 - 2004.

To submit more information or donate images for this project, please use our [submission portal](#).