

## 1WebDesign Web Hosting

### Overview

Anybody who wants to put a website on the Internet must decide where and how the site will be hosted. To better understand what hosting is, it first helps to understand what a website is. A website is a collection of files stored, or hosted, on one or more computers called servers. Not all hosting options are equal, and for the most part, you get what you pay for in terms of security, reliability, speed, etc.

The key to deciding which hosting provider to go with is understanding the nature of your website. For example if you have a [small personalized website](#), where you don't expect much traffic you could seek out free or cheap overseas alternatives which do the job – however generally lack reliability.

On the other hand, if you are starting up a full-fledged [eCommerce website](#) where you host to attract lots of visitors whom will trust to purchase, revisit and recommend your website you will require a web hosting solution that offers high level of security, reliability, traffic accommodation (bandwidth), and more.

Such web hosting can cost hundreds to thousands of dollars however at 1WebDesign we have high performing, local Australian based, secure and reliable facilities at a fraction of the cost – [have a look at our packages](#) – ideal for all your web hosting needs.

### Bandwidth

Bandwidth affects the speed with which your website loads on your customers browsers. Bandwidth is also the measure of the amount of data that can be transmitted to and from the Internet in a fixed amount of time, usually rated in monthly cycles.

1WebDesign provides [unlimited and excellent bandwidth](#) (fair use applies) on its websites allow you to send as many visitors to your website as you like.

Don't be limited with other web hosting providers which limit your bandwidth and shut down your website when this is exceeded.

### Uptime

One of the most important things to look for in a hosting provider is its ability to ensure maximum uptime. In basic terms, uptime is the time that Internet users can access your website – when your online store is 'open' for business. Uptime means you can receive orders and make money and is vital to the success of your business.

If you have any experience with computers, you know they are prone to failure and other unwanted issues. In a hosting environment these problems are a major threat to

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uptime and a good hosting provider provides systems, safeguards and backups to protect and provide reliable web hosting.

In the instances when downtime is experienced our servers are configured to automatically detect such occurrences and complete a restart of the server to minimize disruption to your website.

1WebDesign provides [excellent uptime rated above 99% on all of its website](#).

## Security

For any eCommerce website that collects credit card payments and personal information, security is of utmost importance. Customers that visit your site must feel confident that your website is secure or you will not receive their business.

1WebDesign provides:

- SSL Encryption – an Internet standard that secures your web pages to comply with privacy and security requirements. It provides authentication of your website, assuring customer that your business is a verified entity.
- Secure Data Center – a physically secure facility where your website is hosted. To provide you with the best speeds and reliability our data center is located locally in Melbourne, Victoria, Australia. Upon request we can source interstate and international data centres for your web hosting.
- Firewall Protection – a firewall prevents outsiders from gaining access to your web hosting providers network and your web pages. Multiple firewalls provide additional security and backup should one of the firewalls fail.
- Updates / Patches – we provide regular maintenance of our data centers and your website. This includes the most up-to-date security patches and updates for its operating systems and software.
- Backups – we provide automatic backups of all our websites hosted within our data center. These are stored for circumstances where system failures occur and ensure quick recovery of your website.

## Network

The speed and reliability of your web hosting providers network affects the speed and reliability of your website. Our data center uses the latest enterprise-level hardware and software including Linux, Windows, Plesk and cPanel web servers.

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## Technical Support

1WebDesign offers you friendly, prompt and personalized technical support in matters relating your website and your web hosting.

You do not have to lodge tickets and wait for several days for a response. We believe in providing a human contact in dealing with these matters whether it be via email or phone.

For all our latest contact details [please visit our website](#).