

COLOCATION

WHY COLOCATION IS A SAVVY BUSINESS CHOICE



WHAT IS COLOCATION?

Many businesses need reliable server hosting. In some cases owning or leasing a data center will provide you with the ability to control your hosting needs right down to the finest detail, but operating a data center can be very costly.

Owning and operating a data center requires upfront capital, technical expertise, and staff. Colocation allows you to store and run server equipment in a datacenter without the hassle and initial capital investment required to lease a facility or build your own.

Cost to build a data center

In 2021, the average enterprise data center cost between USD **\$5 million** and **\$12.5 million** per megawatt to build.

Source: www.turnerandtowntsend.com

Cost to lease a data center

In 2020, the average annual cost to lease a data center in the United States was over USD **\$1 million** per megawatt.

Source: www.statista.com

WHY COLOCATE?

Colocation hosting provides businesses with a space in a data center, guarded by security officers 24x7, and staffed with technicians to perform any physical server activities required (we call these technicians, 'remote hands').

ServerMania's facilities feature redundant power, networking, and cooling to ensure the most reliable server hosting experience for your business.



SECURITY	TECHNICIANS	CLIMATE	POWER	NETWORK
Data centers are typically guarded 24/7/365 by security officers and state-of-the-art surveillance equipment.	Knowledgeable on-site technicians make setting up and maintaining your equipment easy and efficient.	Cooling server equipment can be complex. Colocating with a reliable data center will offer consistent monitoring and regulation of the environment.	Colocating offers always-on, redundant power, which is critical to ensuring your equipment never goes offline.	Tiered data center options allow for optimal connections with your devices and the internet.

DATA RESIDENCY

In certain countries, businesses are required to follow data protection laws. Your business must use a data center that complies with the regulations and laws of the country in which your business operates.

For example, any company hosting data in a PIPEDA-compliant data center, like ServerMania's Montreal facility, can more easily comply with European regulations. For more information about data residency and colocation, speak to one of our account specialists.



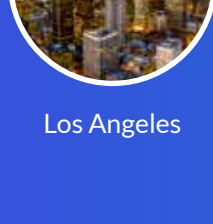
7 STEPS TO COLOCATE WITH SERVERMANIA

Kick-start the colocation process by gathering the following information about your requirements.

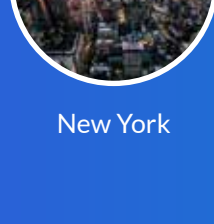
1

DATA CENTER LOCATION

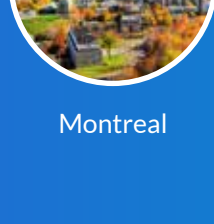
Consider what region the data center serves best and what infrastructure systems are available. We offer colocation in the data centers below.



Los Angeles



New York



Montreal



London

2

SPECIFICATIONS FOR YOUR SERVER(S)

Rack Unit size (RU)*



Half Rack



Full Rack

*Multiple racks also available

Power requirements



A/A power single PDUs



A/B power dual PDUs



Device requirements

Provide a list of transceivers, unique power needs, other specifications

3

CONNECTION SPEED (BANDWIDTH)

Bandwidth is the speed of the data transfer to and from a web server. Determine what your network and bandwidth requirements will be.



500 Mbps



1 Gbps



10 Gbps



20 Gbps

4

IP ADDRESSING SIZE

IP addressing is a logical means of assigning addresses to devices on a network. Review the benefits and limitations of each protocol and decide which one suits your needs.



IPV4



IPV6

5 SWITCHING



Cabling, port setups, etc. How do you want everything connected? A diagram can help!

6 SHIPMENT



Prepare the servers for shipment. Ship the servers to the requested data center (we will provide shipping instructions)

7

INSTALLATION AND CONFIRMATION



Once the servers have been processed and racked by our engineers, you will receive IP address information for your servers.

COLOCATION MADE EASY

At ServerMania, we take pride in providing best-in-class colocation services to all of our customers. If you have any questions or would like to know more about how we can help you, book a free consultation with one of our account managers today. You might also be interested in checking out our colocation packages.

[BOOK A CONSULTATION](#)

[COLOCATION PACKAGES](#)