

Cloud VS. DEDICATED SERVERS

WHICH IS RIGHT FOR YOU?



Cloud servers and dedicated servers both play an important role in the IT infrastructure of most modern businesses.

As many organizations are considering the move from more traditional hosting platforms like Dedicated servers, it’s important for you to understand what each server type is in order to choose the right one for your application.



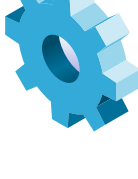
WHAT IS IT?

Cloud Server

- Virtual server connected to a platform of redundant compute, memory, and backup servers
- Multiple users share the same servers, but each server is isolated
- Pay only for the resources you need

Dedicated Server

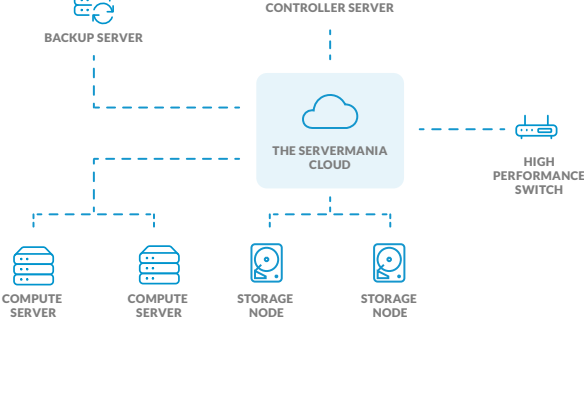
- Single physical server in a remote data center
- Used by a single tenant
- Pay a single monthly fee for the server, regardless of usage



HOW IT WORKS

Cloud Server

Each Cloud server is connected to a redundant collection of servers, each performing a unique task and self-healing in the event of hardware failure:



Dedicated Server

Each Dedicated server is a single rack-mounted server, securely located in a remote data center and protected against environmental threats.



KEY FEATURES

Cloud Server

- Instant server deployment
- Scale resources
- Robust automations and API available
- Redundant across all core components

Dedicated Server

- Servers deployed in 8 to 24 hours on average
- Access the entire resources of the server
- Completely customize hardware and software
- Not shared with any other tenants

RESOURCE COMPARISON

	Cloud Server	Dedicated Server
Setup	Instant	8-24 hours on average
Instantly Scale Resources	✓	Additional RAM and hard disk may be manually added (depending on current setup and motherboard support)
API and automations	✓	✗
Hardware Redundancy	✓	✗
Access to Complete Server Resources	✗	✓
Only Tenant On Server	Private Clouds Available On Request	✓
Completely Customize Hardware	Private Clouds Available On Request	✓
Locations	NYC	NYC, Buffalo, Los Angeles, Dallas, Montreal, Amsterdam, Auckland, London
Uptime SLA	100%	100%
Memory	1GB - 128GB	32GB - 512GB+
CPU	1 to 24 cores	4 to 44 cores
Disk	25GB - 3TB	500GB - 80TB+
Price	Starts at \$5/mo	Starts at \$70/mo

PRICE COMPARISON

While Cloud Servers are generally more expensive for equivalent resources, they have many added benefits such as only paying for the resources you need today, automations, and increased redundancy, which make up for the added cost.



Cloud Server

6 CPU Cores

16GB RAM

320GB SSD

8TB Bandwidth

\$80/month

VIEW CLOUD SERVERS

Dedicated Server

Intel E3 1240 V3, 4x 3.4GHz

32GB RAM

500GB SSD

20TB Bandwidth

\$70/month

VIEW DEDICATED SERVERS

RECOMMENDED APPLICATIONS



Ideal for any rapidly evolving application that demands optimal uptime and performance:

- E-Commerce Sites
- Small Business applications
- Personal game servers
 - Email servers
 - SaaS applications



Ideal for stable, resource intensive applications that need the raw power of an entire server:

- VPS / Shared / Reseller Hosting Nodes
 - Game Server Nodes
 - Big Data Analytics
- Large Database Hosting

READY TO GET STARTED?

Since 2002, ServerMania has provided hosting solutions to businesses of all shapes and sizes. We have the experience and technology to power even the most demanding projects.

Book a consultation with us today to learn more about how ServerMania can help.

BOOK A CONSULTATION