

# COMPARING DEDICATED AND HYBRID SERVERS

WHICH IS BEST FOR YOUR NEEDS?



## WHAT IS A DEDICATED SERVER?

A Dedicated Server is a computer hosted in a data center which is used by only one client. No other users share the resources of the server, so it provides the most server resources for one monthly price.

## DEDICATED SERVER KEY FEATURES

**Dedicated Resources**  
With no other users on the server, Dedicated Servers deliver completely dedicated CPU, RAM, and disk space. Enterprise-grade RAM and drives can also be upgraded at any time.

**Up to 10Gbps Network Connections**  
Dedicated Servers feature 1Gbps network connections by default with up to 10Gbps connections available on select servers.

**Enterprise Grade Hardware**  
Supermicro chassis and the latest Xeon processors deliver the most reliable server experience without having to shell out thousands of dollars to purchase a server.

## RENTING A DEDICATED SERVER INCLUDES

- Redundant power and network connections
- Enterprise-grade hardware
- Connections to top-tier networks
- 24x7 expert support with server management available

## SIZE OF THE DEDICATED HOSTING MARKET



The global Dedicated Server market is expected to grow from 3.69 billion USD in 2013 to 6.53 billion USD in 2020.

Source: MarketsAndMarkets

## WHAT APPLICATIONS ARE IDEAL FOR DEDICATED SERVERS?

**Large Deployments**  
For applications requiring over 16GB of RAM and 4 CPU cores, Dedicated Servers are available in hundreds of different configurations to meet the needs of any project.

**Custom OS Requirements**  
Unlike Hybrid Servers, Dedicated Servers can be loaded with any OS version of your choice, or install one yourself using the included IPMI console.

**Big Data and Analytics**  
Resource intensive applications demand the power that only Dedicated Servers can provide.



## WHAT IS A HYBRID SERVER?

A Hybrid Server is a slice of a Dedicated Server that is divided using sophisticated KVM virtualization technology. Unlike traditional VPS hosting, Hybrid Servers are a Dedicated Server that is shared by only a few users. This leads to an incredibly stable and reliable server experience.

## HYBRID SERVER KEY FEATURES

**Consistent Performance**  
Once payment has been approved, Hybrid Servers can be provisioned in just a few minutes.

**Rapid Deployment**  
Since Hybrid Server nodes are only shared by a few users, performance is consistent and more reliable than traditional VPS or Cloud hosting.

**Instant OS Reloads**  
Reload your Hybrid Server OS in seconds.

**Powerful Server Control Panel**  
Instantly stop and start your server, update configurations settings, and more with the feature-rich Hybrid Control Panel.



## RENTING A HYBRID SERVER INCLUDES

- Access to a completely isolated server environment
- 24x7 expert support
- 100% Network Uptime SLA
- Enterprise-grade hardware

## SIZE OF THE VIRTUALIZED SERVER MARKET



The global VPS market size is expected to grow from USD 2.4 billion in 2018 to USD 5.0 billion by 2023

Source: MarketsAndMarkets

## WHAT APPLICATIONS ARE IDEAL FOR HYBRID SERVERS?

**Personal Applications**  
The affordable nature of Hybrid Servers make them a great fit for personal applications like VPN servers, email hosting, and more.

**Development and Staging**  
Instant OS reloads make Hybrid Servers perfect for development and staging environments where the OS may need to be changed at any time.

**Micro Services**  
Applications which benefit from several smaller server instead of one single point of failure will work perfectly on Hybrid Servers. Due to their affordable pricing, you can deploy dozens or hundreds of Hybrid Servers for any project.

## FEATURES COMPARISON

|                         | Dedicated Server | Hybrid Server |
|-------------------------|------------------|---------------|
| Guaranteed Resources    | ✓                | ✓             |
| 100% Network Uptime SLA | ✓                | ✓             |
| SSD Powered Disks       | ✓                | ✓             |
| Upgrade Resources       | ✓                |               |
| Only User on Server     | ✓                |               |
| Install Your Own OS     | ✓                |               |

## HARDWARE COMPARISON



| DEDICATED SERVER                                |
|---|
| <b>PROCESSOR</b>                                |
| Xeon processors with 4-24 CPU cores             |
| <b>RAM</b>                                      |
| 256GB+ available                                |
| <b>HARD DISK</b>                                |
| 100TB+ available in a variety of configurations |
| <b>IP ADDRESSES</b>                             |
| No limit on IP Addresses (with justification)   |
| <b>BANDWIDTH</b>                                |
| 10Gbps Available                                |

| HYBRID SERVER                         |
|---------------------------------------|
| <b>PROCESSOR</b>                      |
| Xeon E3 processor with 2-4 vCPU cores |
| <b>RAM</b>                            |
| Max 16GB                              |
| <b>HARD DISK</b>                      |
| Max 1TB SSD                           |
| <b>IP ADDRESSES</b>                   |
| 1 IP                                  |
| <b>BANDWIDTH</b>                      |
| Max 250Mbps                           |

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## PRICE COMPARISON

Hybrid and Dedicated Servers offer the perfect price point for meeting the needs of any budget.



**Dedicated Servers** [VIEW PRICING](#)      **Hybrid Servers** [VIEW PRICING](#)

Are you ready to create your next Hybrid or Dedicated Server? Talk to our server experts today and we'll find you the right server for your needs.

## DEPLOY YOUR NEXT SERVER

Since 2002, ServerMania has equipped businesses of all sizes with the tools they need to achieve their goals. Every single client receives:

- Dedicated Account Manager
- Customized Server Solutions
- 100% Network Uptime SLA
- Average 8 Hour Server Deployment Time
- Enterprise-Grade Hardware
- 24x7 Expert Support with 15 Minute Responses

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