HIGH BANDWIDTH SERVERS

Unparalleled speed and uncontended bandwidth to deliver premium performance.
When your project demands dedicated servers with unmetered bandwidth and port speeds up to 50Gbps, your first choice should be ServerMania High Bandwidth Servers.

Our High Bandwidth Server offering has been engineered from the ground up to meet the needs of industries such as media streaming, VPN providers, storage servers, and big data analytics.

These servers are connected to top-tier network carriers with redundant and diverse network routes to deliver exceptional performance for your business.
Tier 1 network carriers are ideal for high bandwidth applications. They are the biggest networks geographically and have the highest global reachability. Tier 1 providers can reach any internet region without paid agreements with other network carriers.

Tier 1’s can help negate DDoS attacks by providing multiple bridges from your intranet to the internet so that there is no single bottleneck.
While nearly every business can benefit from additional network capacity, there are a few use cases that are especially tailored to high bandwidth servers:

**VPN Providers**

One of the businesses we find benefiting the most from high bandwidth connections are VPN hosting providers. VPN servers can often have thousands of users tunnelling all of their internet traffic through the dedicated server and this puts a large connection requirement on the server. While VPN providers may not need speeds exceeding 1Gbps for the entire month, 10-50Gbps connections provide the capacity when network demands spike. This ensures that users experience the ultimate VPN performance at all times.

**Storage Servers**

Depending on the nature of the data being backed up and restored, storage servers with 10Gbps connections and higher see incredible benefits from this increased network capacity. This added capacity greatly decreases storage backup times. With connections up to 50Gbps, this provides the necessary bandwidth so these servers can backup at nearly full speed. This is especially important when doing a bare-metal restore to a server.

**Big Data and Analytics**

If your company is leveraging big data and analytics processing, you know how large the data sets can become over time. Some businesses collect terabytes of data each day. That’s why high bandwidth connections are the perfect fit for these use cases. These servers allow large chunks of data to be transferred in no time, saving time and making data processing operations more efficient.

**IPTV and Media Streaming**

Audio and video streaming can consume an extensive amount of bandwidth depending on how many devices are streaming content from the server. It can also take up a large amount of throughput as well and many servers become congested with a traditional 1Gbps connection. This makes unmetered 10-50Gbps servers the perfect option for IPTV and media streaming as businesses can keep costs managed without sacrificing on network performance.
Each of our data center locations features up to 50Gbps in network connectivity using Tier-1 network carriers to power even the most demanding projects.

New York City Metro

ServerMania’s New York City Metro data center is the perfect choice for applications that demand the ultimate in low-latency connectivity and redundancy. Our New York City data center is a tier 4 facility, delivering the most redundant infrastructure across all system components including power, networking, and cooling. This facility is ideal for ForEx and other latency sensitive applications with direct connectivity to New York City, North America, and beyond.

Network Carriers: Zayo, Cogent, Any2, NYINX

Los Angeles

Our Los Angeles, California data center offers some of the best cross-Pacific network connectivity in North America. Whether you need to hook your services up to China or Japan; South Korea or Singapore, we’ve got you covered. The ultra high-grade infrastructure of the facility further means we can provide you with the quality of service you deserve - and at a price that won’t break the bank.

Network Carriers: Zayo, Cogent, Any2, LAINX

London

ServerMania’s London data center delivers the perfect balance of capacity and redundancy with connectivity to reach customers within Europe, Africa, and the Middle East. Our London data center is a tier 4 facility, delivering the most redundant infrastructure across all system components including power, networking, and cooling. Featuring Tier 1 network carriers such as Level3, Zayo, and Sprint, this data center has the network capacity to power even the most demanding projects.

Network Carriers: Zayo, Cogent, LINX
We are continuously adding new servers to our high bandwidth server offering. Here are a few of our more popular configurations as of January 2021:

<table>
<thead>
<tr>
<th>CPU</th>
<th>CORES</th>
<th>RAM</th>
<th>STORAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xeon E3-1270v6</td>
<td>4 x 3.8 GHz</td>
<td>32 GB</td>
<td>500 GB SSD</td>
</tr>
<tr>
<td>Xeon E-2146G</td>
<td>6 x 3.3 GHz</td>
<td>32 GB</td>
<td>500 GB SSD</td>
</tr>
<tr>
<td>Xeon E-2236</td>
<td>6 x 3.4 GHz</td>
<td>64 GB</td>
<td>500 GB SSD</td>
</tr>
<tr>
<td>2x Intel E5 2620 V4</td>
<td>16 x 2.1 GHz</td>
<td>64 GB</td>
<td>2 x 500 GB SSD</td>
</tr>
<tr>
<td>2x Intel Xeon Silver 4210</td>
<td>20 x 2.2 GHz</td>
<td>64 GB</td>
<td>2 x 500 GB SSD</td>
</tr>
<tr>
<td>2x Intel E5 2650 V4</td>
<td>24 x 2.2 GHz</td>
<td>64 GB</td>
<td>2 x 500 GB SSD</td>
</tr>
</tbody>
</table>

Need a custom configuration? Contact our sales team and we would be happy to create a custom quote based on your requirements.
“We need a provider who could deliver stability, flexibility, hardware options, the latest technologies, and quick implementation. ServerMania has surpassed our expectations in each of these features.”

Ryan Blomberg CTO

ServerMania is the trusted server hosting provider of thousands of brands, providing the infrastructure that supports businesses from boutique eCommerce stores to the largest enterprise apps and services.

Many of our customers have been with us for years. We are a trusted partner, empowering server hosting customers with unparalleled support, cutting-edge infrastructure, and our commitment to building tailored solutions that fit the unique needs of each customer.

A leader in web hosting solutions since 2002.

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