

# Parallels® Virtuozzo Containers

## Data Sheet

### Highest Density. Maximum Performance. Lowest Cost

Parallels Virtuozzo Containers is the highest density, highest performance virtualization solution for cloud service providers.

Parallels Virtuozzo Containers is optimized for cloud server virtualization, enabling near instant provisioning and on-the-fly modification of hosting and cloud server plans while delivering maximum density, cost efficiency and application performance

### Deliver Profitable Cloud Services and Maximize Efficiency

Parallels Virtuozzo Containers will not only enhance your bottom line, but also will help get more from your existing resources – both hardware and staff.

#### Deliver Cloud Services with Maximum Profitability

Parallels Virtuozzo Containers help you deliver top-quality cloud services cost-effectively. It offers:

- **Advanced resource management**, support multiple VPS and cloud server packages at varying levels of CPU, memory, disk I/O, and storage space.
- **On-the-fly virtual environment elasticity**, upsize servers easily, while giving your customers the flexibility they need to operate efficiently.
- **Immediate provisioning and activation**, so your customers can add new VPS and cloud server subscriptions instantly whenever they need them.
- **Comprehensive integration**, third party systems are enabled with command line and API interfaces, simplifying the complete automation of delivering and billing.
- **Application templates**, instantly deploy software and configuration changes to hundreds of servers with a few clicks.

#### Maximize Your Return on Hardware Investments

With Parallels Virtuozzo Containers, your hardware investments will go further with:

- **300% more virtual servers per physical server**. Parallels Virtuozzo Containers delivers three times more virtual servers than hypervisor solutions providing greater utilization of existing infrastructure.
- **Dynamic Library Sharing**, significantly reduces the amount of memory needed by each server.
- **Virtuozzo File System**. Greatly reduces per-subscription disk space and memory requirements by allowing sharing of common applications and OS components while preserving the ability for individualized customization.

#### Streamline Your Day-to-Day Operations

Parallels Virtuozzo Containers enables your staff to accomplish more in less time, with:

- **Operating system templates** that let instantly provision of VPS and cloud servers.
- **Mass management and task automation**, update all your VPSs easily and quickly from a central point of control.
- **Live migration**. Administrators can move an entire virtual server between physical nodes without disrupting applications or users.
- **The most complete set of management tools for both you and your customers**, including tools for management, monitoring, backup and restoring, troubleshooting, recovery, provisioning, and deployment.

### Why Choose Parallels Virtuozzo Containers?

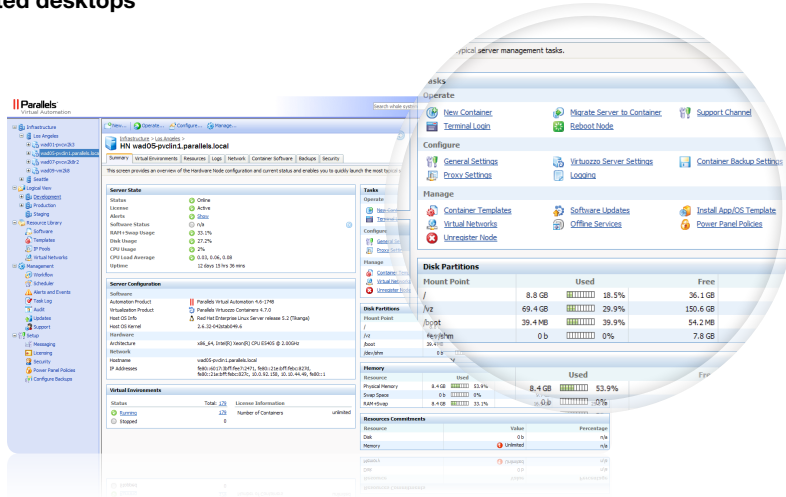
Using Parallels Virtuozzo Containers, you'll be able to:

- **Increase profits**. Parallels Virtuozzo Containers lets you pack three times more virtual servers into each physical server than hypervisor solutions can. By minimizing the number of physical servers you need, Parallels Virtuozzo Containers reduces your hardware purchase, maintenance, and energy costs, increasing your bottom line.
- **Reduce server maintenance costs**. The centralized server management you get with Parallels Virtuozzo Containers reduces your maintenance costs by 75%. Not only can you rapidly complete operating system updates and upgrades, but you can make changes just once and quickly replicate them across your entire datacenter.
- **Maximize performance**. Delivering near-native server performance, Parallels Virtuozzo Containers can increase application performance by 50%.
- **Rapidly provision new services**. With Parallels Virtuozzo Containers, you can make new servers available and provision the within minutes of ordering, with no operating system boot-up time. Plus self-service panels enable your customers to scale existing containers on the fly, making realtime adjustments to CPU, memory, and disk space allocations.

## Real-World Applications Where Parallels Virtuozzo Containers Makes a Real Difference

Some of the world's largest service providers – including Go Daddy, 1&1, Host Europe, and Media Temple – rely on Parallels Virtuozzo Containers to power their hosting and cloud services. Key use cases:

- **VPS and cloud server virtualization**
- **Managed VPS hosting**
- **Hosted services**
- **Hosted desktops**



*Powerful tools provide comprehensive management, self-service and automation.*

## Complete Solution for Cloud Hosting

**Drive profits with a super-efficient cloud hosting infrastructure.** Parallels Virtuozzo Containers works seamlessly with other Parallels virtualization solutions, control panels and automation solutions to help you deliver a comprehensive set of hosting and cloud services.

- **Streamline deployment with Parallels Plesk Panel.** Parallels Virtuozzo Containers can be deployed as a bundle with the appropriate number of Parallels Plesk Panel licenses to simplify deployment and license management.
- **Parallels Server Bare Metal** delivers Parallels Virtuozzo Containers together with our world-class hypervisor technology. Service Providers who want to provide their customers with servers based on containers or hypervisors can now support both virtualization technologies with a single solution.
- **Parallels Automation for Cloud Infrastructure** is the complete solution for hosting a cloud-based virtual datacenter with fully integrated Parallels Virtuozzo Containers virtualization, combined with automation, billing, customer self-service and online store.

## System Requirements

The hardware and software requirements for Parallels Virtuozzo Containers are:

### Platform for Linux Environments

X86, AMD64, EM64T

### Platform for Windows Environments

Any x86 or X64 platform supported by Windows Server 2008 and Windows Server 2003 (Intel, AMD, or similar)

### Memory

50 MB per container

### Hard Disk Space

20GB+, depending on the software installed on the container

### Supported Host Operating System

Linux:

- CentOS 6
- RedHat Enterprise Linux 6

Windows:

- Windows Server 2008R2
- Windows Server 2003 (32- & 64-bit)

## How to Buy

To download a trial version, go to [www.parallels.com/products/pvc](http://www.parallels.com/products/pvc) – or contact one of our authorized partners.

For more information, contact us directly at:

**+1 (425) 282-6400 or by e-mail at [salespvc@parallels.com](mailto:salespvc@parallels.com)**

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