

Citrix VDI-in-a-Box

Simplify desktop virtualization with VDI that costs less than a PC

Key benefits

- Deploy virtual desktops for less than the cost of PCs
- Eliminate over 60 percent of VDI infrastructure costs
- Increase service levels with built-in high availability
- Start small and scale on demand
- Go from zero to production in under an hour
- Provide end-user access anytime, from anywhere, on any device
- Choose from industry-leading hypervisors
- Provide excellent quality of experience powered by Citrix HDX technology

Citrix[®] VDI-in-a-Box[™] is an all-in-one solution that delivers virtual desktops for less than the cost of PCs.

VDI-in-a-Box is available as a virtual appliance that runs on off-the-shelf servers and eliminates the need for expensive datacenter infrastructure. Powered by Citrix[®] HDX[™] technology, VDI-in-a-Box delivers an excellent quality of experience to users anytime, anywhere and on any device. Designed for desktop IT, VDI-in-a-Box delivers an immediate return on investment (ROI) by being simpler and less expensive to set up and manage than PCs.

Features:

Reduced costs

- Deployed on off-the-shelf servers with direct attached storage (DAS), VDI-in-a-Box eliminates the need for specialized servers and expensive SAN storage. Integrated management and provisioning, software-based load balancing and connection-brokering technologies obviate the need for external management servers, load balancers and connection brokers, respectively. Thus, VDI-in-a-Box reduces VDI infrastructure costs by approximately 60 percent compared to traditional VDI solutions.
- Centralized management cuts desktop management and support costs by 80 percent. For example, only the master images need to be updated and patched.
- VDI-in-a-Box falls entirely under Windows[®] administrators' purview, thereby eliminating the need for specialized networking, virtualization and storage administrators.

High availability and on-demand scalability

- Grid architecture delivers built-in high availability without shared storage or connection brokers.
- Hot-pluggable grid can be reconfigured on demand without having to turn off a production grid.
- "Deploy as you grow" model allows on-demand expansion by starting small and adding more off-the-shelf servers to the hot-pluggable grid as needed.



Simple setup, easy management

- All-in-one VDI software appliance with built-in, policy-based dynamic desktop provisioning, load balancing and connection brokering enables full deployment in less than an hour.
- Innovative grid architecture automatically shares configuration and desktop images, and enables management of all servers as a single entity.
- Seamless access anytime, anywhere and on any device with built-in HDX technology.
- Easy, centralized management cuts desktop management and support costs by 80 percent. IT resources are spent on managing centralized corporate desktop images versus individual endpoints.
- Intuitive, wizard-driven, point-and-click user interface abstracts virtualization details so a Windows administrator can set up and manage virtual desktops without any virtualization, SAN or datacenter expertise.

Excellent quality of experience

- HDX technology ensures excellent quality of desktop experience for end users anytime, anywhere, using any device.
- Integration with Citrix user profile manager creates a custom end-user experience by delivering personalized virtual desktops.

Open architecture

- VDI-in-a-Box features an open architecture designed to provide many options for your platform and protocol choices.
- Virtualization technology agnostic: available on Citrix® XenServer®, VMware vSphere™ and Microsoft® Hyper-V® hypervisors.
- Protocol agnostic: supports both HDX and Microsoft® RDP technologies.

Security and data protection

- Nothing is stored on the endpoint, thereby offering more security and data protection.
- Connection between endpoints and the grid is secured.
- Increased security with seamless single sign-on to a virtual desktop across a VPN.
- Policy-based automation enables administrators to set up access control policies per user.

Cost per virtual desktop delivered by Citrix VDI-in-a-Box

Component	Cost / CCU Desktop
Off-the-shelf server*	\$100
VDI-in-a-Box with Citrix HDX	\$160
Hypervisor**	\$0 to \$65
Microsoft VDA License***	\$0 to \$100
Total	\$260 to \$425 per Desktop

* Off-the-shelf server cost based on pricing a server from Dell.com website as of Feb. 2011.

** Hypervisor cost is zero with XenServer, up to \$65/desktop with VMware vSphere/ESXi as of Aug. 2011.

*** Microsoft VDA is not required with Microsoft Software Assurance (\$0); retail price is \$100/primary device/year.



Simplify Desktop Virtualization

Deliver VDI for less than a PC with VDI-in-a-Box

