

# HVE VDI-Appliance



## Bring Your Own Device (BYOD)

HVE's VDI architecture is designed to be device agnostic. That means users can use their own devices to connect to their desktop from anywhere. Through an Internet connection, laptops, iPads, even some smartphones can connect securely to their Virtual Desktop running in the HVE Backend Cloud. Any viruses or other security threats on user devices will not infect your systems.

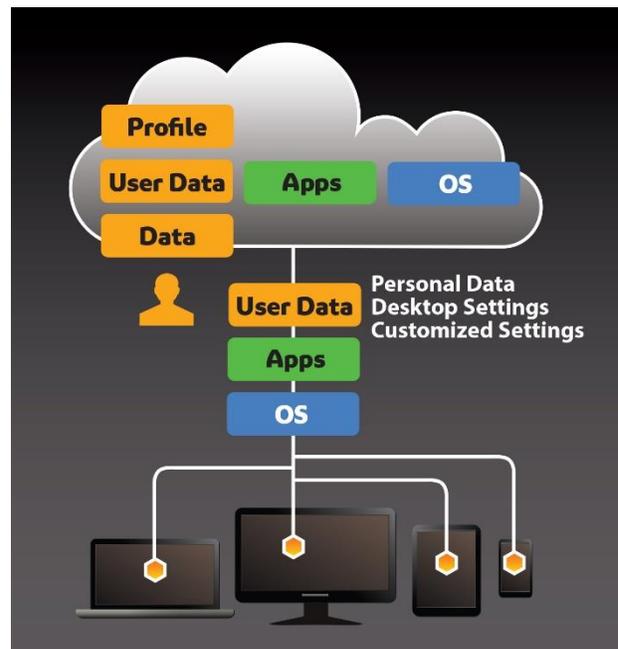
## Use Existing Hardware

Extend the life of aging desktops by re-purposing with HVE Thin Client Software architecture to connect to the HVE Virtual Desktop Infrastructure. As new end-user clients are needed, low cost thin clients or zero clients can be used.

## Test the VDI Waters or Dive Deeper

With a low TCO and no additional storage required, the HVE VDI Appliance is a great way to start a VDI pilot program. The easy scalability of the appliances means once the pilot is ready to move to production, the expansion process will be quick and seamless. The architecture of the appliance is designed to be able to tie in to existing infrastructure, which makes it a great, inexpensive way to expand existing virtualization initiatives.

- Includes all the compute and storage needed to run a high-performance VDI environment.
- Easily Scalable with Single Pane of Glass (SPoG) management
- Cost-effective solutions at a fraction of the cost of traditional VDI
- High-quality end user experience that is application/device agnostic



HVE ConneXions's engineering philosophy is to create Manageable, Scalable, Reproducible and Predictable (MSRP) solutions based on proven virtualization technologies running on high-performance next generation hardware. The result is an overall cost-effective and high-performance environment that scales to customers' needs. With our MSRP approach to engineering, there are no proprietary interfaces. HVE solutions scale inwards and provide customers a wide range of open virtualization solutions that will not only meet but exceed expectations.

HVE systems are engineered on a highly optimized platform utilizing VMware vSphere Stack and VMware View to provide a high-performance and cost-effective solution. This solution provides a low TCO entry point for customers wanting to take advantage of all the benefits of VDI. HVE systems can also be utilized to expand an existing VMware View environment without expensive infrastructure costs. From 10 to 10,000+ desktops, HVE has a solution that fits.

## Technology Partners



HUAWEI

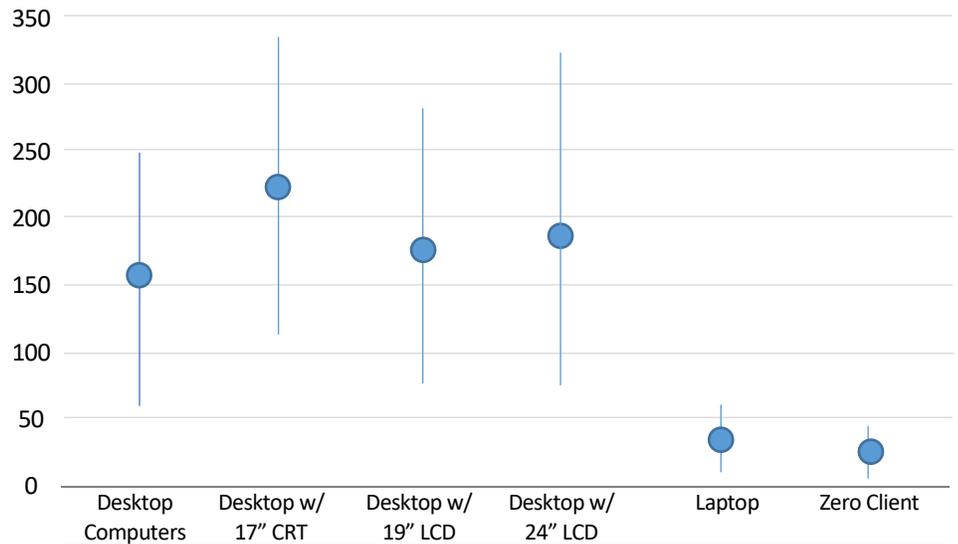
vmware®



SanDisk



## Approximate Computer Power Consumption in Watts



HVE is dedicated to providing solutions that offer low TCO and realistic ROI without sacrificing quality and performance. Our VDI solution requires no data stored on local machines, which allows for use of inexpensive zero-clients and BYOD initiatives. Zero clients have no moving parts making their lifespan longer and repair costs almost nothing. With BYOD initiatives, users are ultimately responsible for their hardware, further alleviating hardware expenditures.

In addition, significant OpEx savings can be seen in power consumption. The above chart shows average power consumption for typical workstations. Replacing even a few desktop computers with BYOD laptops or zero clients can have a noticeable effect. Further OpEx savings can be seen in administration costs. Our Single Pane of Glass management makes administration tasks like patches and updates a breeze. Plus HVE VDI architecture inherently reduces administration costs by using one "golden image" of multiple desktops. Changes only need to be made once for all desktops linked to the image, versus traditional administration that requires each desktop be updated individually.

## Warranty and Support

Each HVE VDI Appliance comes with built-in HVE monitoring and hardware warranty for 1 year, with extended warranties available for up to 5 years. With HVE's advanced monitoring, we're notified of potential problems before they become problems. Combined with built-in fail over capabilities, downtime is kept to a minimum.

HVE VDI Model	Capacity (Users)	Specifications
HVE-51-N	40-75 75K IOPS	1U, 2x10Gbt, 2x1Gb, Single Apex 2800, Dual Broadwell CPU, 128GB 2400Mhz RAM - ~1.2TB Integrated Local SSD for VDI Workloads
HVE-101-N	75-125 125K IOPS	1U, 2x10Gbt, 2x1Gb, Single Apex 2800, Dual Broadwell CPU, 256GB 2400Mhz RAM - ~2TB Integrated Local SSD for VDI Workloads
HVE-202-N	175-250 200K IOPS	2U, 2x10Gbt, 2x1Gb, Dual Apex 2800, Dual Broadwell CPU, 512GB 2400Mhz RAM - ~4TB Integrated Local SSD for VDI Workloads
<b>Notes:</b>	<i>User capacity is based on workload-increased RAM and CPU may be required on each server.</i>	<b>Non-Converged Options Available for Shared Storage Arrays that support over 100K IOPS 80/20 R/w - 14G Per VDI Overhead Capacity. Same Compute Specifications are used without integrated converged SSD storage</b>

All specifications are subject to change without notice.

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