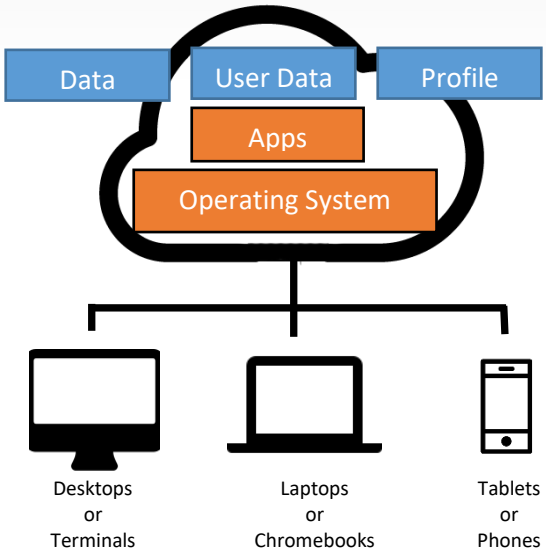
HVE-VDI v5 Virtual Desktop Appliance

Engineered for Virtualization



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.

Power Savings

With HVE VDI in conjunction with zero terminals power consumption is vastly lower than standard desktop computers. While a desktop normally consumes around 120 watts of power, a zero terminal consumes only 7-15 watts of power. This provides thousands of dollars in savings over the life of the equipment.

- 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

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.

Platform: Dual Intel® Xeon® Gold 6130 processors (16/32 Physical/Logical CPU) (2) Dual 10GBase-T and (1) Dual 1GBase-T network interfaces, Avago 3508 8i 12GB/s RAID Controller, (2) 240GB M.2 SSD Operating Disks, 550W Platinum AC PSU, ESXi or Hyper-V Virtual Server Software Integrated (Unlicensed)

HVE-51N	Local Storage – 1U Rackspace, 128GB DDR4 RDIMM 2667MHz RAM, ~1.2TB Integrated Local SSD for workloads Engineered for 40-75 Virtual Desktops
HVE-101N	Local Storage – 1U Rackspace, 256GB DDR4 RDIMM 2667MHz RAM, ~2TB Integrated Local SSD for workloads Engineered for 75-120 Virtual Desktops
HVE-202N	Local Storage – 2U Rackspace, 512GB DDR4 RDIMM 2667MHz RAM, ~4TB Integrated Local SSD for workloads Engineered for 175-220 Virtual Desktops

** User capacity is based on workloads – increased RAM and CPU may be required on each server

** Teradici APEX PCoIP Wan Accelerator Card is optional

** Attached storage options available

HVE-VDI v5

Product Specifications:

Form Factor:	1U Rack Server for 51 and 101 2U Rack Server for 202
Number of Processors:	1 or 2
Processor Model:	Intel® Xeon® Scalable Processors of up to 205W
Chipset Platform:	Lewisburg-2
Number of Memory Slots:	24 DDR4 RDIMMs or LRDIMMs
Maximum Local Storage:	Supports the following hard disk configurations: • Up to 8 Front 2.5-inch SAS SSDs, SATA SSDs, or NVMe SSDs Supports built-in flash • Two M.2 SSDs
RAID Configurations:	Supports RAID 0, 1, 10, 5, 50, 6, and 60
Network Ports:	LOM Options: • Two GE ports • Two GE ports and two 10GE optical ports Flexible NIC Options: • Two GE ports • Four GE ports • Two 10GE ports • One or Two 56G FDR IB Ports
PCIe Expansion	Supports up to three PCIe slots
Fan:	Seven hot-swappable fan modules in N+1 redundancy
Power Supply:	Two hot-swappable PSUs in N+1 redundancy • 550W or 900W AC PSU • 1200W -48 V DC PSU
Management:	The on-board iBMC module supports Intelligent Platform Management Interface (IPMi), SOL, KVM over IP, and virtual media and provides a 1 Gbit/s RJ45 management network ports supporting NC-SI
Supported Oss:	• VMware ESXi • Microsoft Windows Server
Operating Temperature:	5° C to 45° C
Certifications:	CE, UL, FCC, CCC, and RoHS
Installation Suite:	Guide Rails
Dimensions: (D x W x H)	708 mm x 436 mm x 43 mm
Heat Dissipation:	Front to Rear Air Cooled

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