

HVE-3DGFx

Delivering High-Performance Virtual Desktops



A PREMIER VDI SOLUTION THAT TRULY EXECUTES!

Introducing the HVE-3DGFx: a leading-edge VDI appliance designed specifically for high-performance applications. HVE has engineered a VDI server using the latest cutting-edge hardware and software technologies to provide an appliance that can handle from 8-128 high-demand users in a single 2U appliance. This purpose-built solution provides all users a virtual desktop with the graphics quality of VDI high-end workstations at an affordable cost.

ENGINEERED FOR APPLICATIONS LIKE:



The HVE-3DGFx was designed and engineered as a purpose-built solution based upon the MSRP engineering approach (Manageable, Scalable, Reproducible, and Predictable.) VDI is the next-generation of workflow efficiency and productivity; the 3DGFx was designed for the high-demand applications and power users.

- Up to (2) NVIDIA TESLA P40, M10, M60 or AMD FirePro graphic cards
- All flash storage for converged or hyper-converged options
- 512GB - 1.5TB RAM options @ 2667MHz DDR4
- Dual Intel® Xeon® Gold v5 processors
- Dual 1GbE and Dual 10GbE included, additional interfaces available
- Optional Teradici PCoIP offload cards for WAN optimization





HVE-3DGFX v5 Front View

HVE-3DGFX SPECIFICATIONS



High Performance with Flexible Configurations



Smart Power Saving and Energy Efficient



Smart Management and Integration

Form Factor:	2U rack server
Processors:	2 x Intel® Xeon® Gold 6154, 18-core, 3.0GHz
Chipset platform:	Intel C621
Memory:	512GB or 1536GB (1.5TB) 2666Mhz DDR4 available
Internal Storage:	<ul style="list-style-type: none"> 8 x 2.5" SAS SSD 12Gb/s 2 M.2 240GB SSD Operating Disks
RAID Support:	<ul style="list-style-type: none"> RAID 0, 1, 5, 6, 10, 50, 60 Configured with a supercapacitor for cache power-off protection Supports RAID level migration, drive roaming, self-diagnosis & web interface
RAID Controllers:	<ul style="list-style-type: none"> 1 x Avago 3508 8i 12Gb/s, 2G RAID 1 x Avago 3004 PCIe M.2 RAID Controllers
Network Ports:	2 x 1GbE and 2 x 10GbE Onboard NICs (10G-BaseT or SFP+ available)
CPU Offload	<ul style="list-style-type: none"> VMware Blast Extreme included Teradici PCoIP CPU WAN accelerator available
Graphic Accelerators:	<ul style="list-style-type: none"> 1 or 2 x NVIDIA GRID M10, M40, P40 or v100 cards 1 or 2 x AMD FirePro cards
Heterogeneous accelerator cards:	2 x dual-slot FHFL GPU or FPGA heterogeneous accelerator cards
Fan modules:	4 x hot-swappable counter-rotating fan modules with support for N+1 redundancy
Power supplies:	2 x 1500 W AC Platinum PSUs
Security:	Power-on password. Trusted Platform Module (TPM), Security front panel. Administrator password.
Temperature:	5°C to 45°C (41°F to 113°F) compliant with ASHRAE A2 and A3
Certifications:	CE, UL, FCC, CCC, and RoHS
Installation suite:	L-shaped guide rails, adjustable guide rails, and holding rails
Dimensions (H x W x D)	86.1 mm x 447 mm x 748 mm (3.39 in x 17.60 in x 29.45 in)

