QxVDI
VMware Edition-3D
Q&A

What is QxVDI VMware Edition-3D?

QxVDI VMware Edition-3D, or QxVDI-3D is a turnkey Hyper-Converged Infrastructure appliance for graphics applications, powered by VMware Horizon software with the NVIDIA GRID GPU card. It is a Virtual Desktop Infrastructure(VDI) solution providing excellent graphic performance for knowledge workers, power users, and designers delivering a faster, interactive graphical experience across devices.

What is hyper-converged infrastructure (HCI)? Why should I adopt HCI?

Hyper-converged infrastructure refers to the innovative technology that integrates compute, storage and virtualization into a single x86-based system. By adopting hyper-converged infrastructure, users could rely on single vendor. QCT's pre-validated and pre-configured design drastically reduces the cost and complexity of traditional infrastructure.

What is SDDC?

SDDC extends the concept of virtualization, including abstraction, pooling and automation. It is the abbreviation of software- defined data center, which contains of compute virtualization, software-defined storage and network virtualization. The infrastructure is virtualized from hardware, delivered as a service through software and shares the same resource pool.

What is Virtual Desktop Infrastructure (VDI)? Why should I adopt virtualization?

Virtual Desktop Infrastructure refers to the process of running applications in a user desktop inside a virtual machine that lives on a centralized server in the data center. Desktop virtualization enhances data security, delivers consistent performance, and radically simplifies management across devices and location.
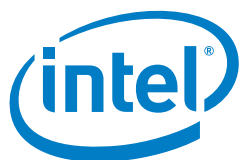
What benefits does QxVDI-3D bring?

QxVDI-3D delivers a simplified management, dependable data security and high-availability architecture (flexible scale-out architecture). With NVIDIA GRID Technology, QxVDI VMware Edition-3D provides not only a rich, multimedia user 2D and 3D experience from the cloud to any device, but also maximize the number of users who can access GPU functionality in virtual machines.

What is the software stack in QxVDI-3D?

QxVDI-3D comes with pre-loaded with VMware Horizon 7 and QCT Auto Deployment Manager, which are capable of simplifying deployment and management.

What is the offering of QxVDI-3D?

QxVDI VMware Edition-3D uses GPU-compute and storage servers to create an easy-to-deploy building block for the Software-Defined Data Center (SDDC). For the GPU-compute server, two NVIDIA GPU Grid cards are included in each compute node. QCT provides two configurations for QxVDI VMware Edition-3D based on customers' different needs. Two compute nodes and one storage server are used for standard version while three compute nodes with six NVIDIA GRID GPU cards are used for graphic enhanced workload demand. In addition, customers can scale out the compute nodes or storage server to meet various application needs.

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Found at: www.QCT.io/wheretobuy

Can the qualified server nodes be used with any of the qualified networking switches?

QCT provides customers with optional pre-validated network switches. Recommend to choose QuantaMesh switches for QxVDI VMware Edition-3D appliance. For more different demand, please visit QCT.io website to see more switch products.

Is there any limitation on the uplink to run a 3D environment?

10MB bandwidth per user would be suggested to ensure the performance of QxVDI VMware Edition-3D.

What is the difference between QxVDI VMware Edition-3D, QxVDI VMware Edition-OA, QxVDI VMware Edition-HC, and QxVDI powered by VMware Cloud Foundation?

QCT offers QxVDI series to meet various workload demand. QxVDI VMware Edition-3D is designed for special compute or graphic design needs. QxVDI VMware Edition-OA is suitable for office application workload, while QxVDI VMware Edition-HC/QxVDI powered by VMware Cloud Foundation meet the demand for compute-intensive workloads, such as lab room, ROBO and large office.

Who should adopt QxVDI-3D?

QxVDI-3D adopts NVIDIA GRID Cards to fulfill special computing needs and special graphic design workload demands for visual design, 3D design and animation. Knowledge workers, power users and designers often find QxVDI-3D an appliance ideal for their needs. It is an exceptional product that offers graphic design in VDI tailored to meet customer needs.

How would I purchase QxVDI-3D? How could I request a demo or a Proof of Concept (PoC)?

Get started by contacting QCT representatives or sent inquiry via http://www.qct.io. QCT worldwide solution centers provides the pre-validated environment to ensure the compatibility of hardware platform and software stack. A well-prepared environment will set up for customer to remotely log in for trial.

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