

# QxVDI VMware Edition-HC Q&A



## What is QxVDI VMware Edition-HC?

QxVDI VMware Edition-HC(High Computing), or QxVDI-HC is a pre-validated optimized hyper-converged appliance powered by VMware Horizon software. This solution uses a 2U 4-node server to create an easy-to-deploy building block for Software-Defined Data Center (SDDC). QxVDI-HC natively integrates compute and storage resources into a hyper-converged infrastructure, it offers exceptional Virtual Desktop Infrastructure (VDI) user experience with ease of management.

## 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-HC bring?

QxVDI-HC is a turnkey solution that delivers simple management, reliability, agility and high deployment efficiency with a hyper-converged infrastructure.

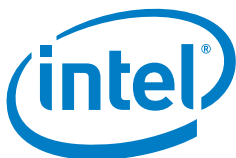
It is a hyper-converged VDI appliance for compute-intensive private cloud. With VMware Horizon software, QxVDI -HC enables unified management on end-user computing. Besides, it provides elasticity to grow compute and storage resources by adding new systems to meet various business demand. It is a scalable software-defined data center building block providing agility on expanding VDI service without downtime.

## What is the software stack in QxVDI-HC?

QxVDI-HC 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-HC?

QxVDI -HC is built with one 2U 4-node high-density server to optimize the performance. To fulfill the workload demand, QxVDI -HC provides the capabilities of using compute, and storage resources serving as a common pool and delivers pay-as-you-grow agility to your VDI deployment.





Found at: [www.QCT.io/wheretobuy](http://www.QCT.io/wheretobuy)

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## 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-HC appliance. For more different demand, please visit QCT.io website to see more switch products.

## How long does it take to deploy a VDI environment?

QCT Auto Deployment Manager greatly simplify the deployment of a VDI environment. The entire process can be completed in a few steps and takes approximately 60 minutes.

## How many users does QxVDI-HC support? What is the VDI profile?

QxVDI-HC has the capability to support up to 300 users (VDI profile: 2 vCPU 2GB RAM) or 200 VDI users (VDI profile: 2 vCPU 4GB RAM).

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

QCT offers QxVDI series to meet various workload demand. 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., while QxVDI VMware Edition-OA is suitable for office application workload. As for QxVDI VMware Edition-3D is designed for special compute or graphic design needs.

## What is the difference between QxVDI VMware Edition-HC and QxStack VMware Edition-HC?

QxVDI VMware Edition-HC is pre-installed with VMware Horizon 7 for VDI environment while QxStack VMware Edition-HC is embedded with vSphere, VSAN and vCenter for IaaS infrastructure. Both of the solutions are pre-validated and pre-configured

## Who should adopt QxVDI-HC?

QxVDI-HC is a great appliance for those who care about security, flexible scalability, and high-performance. Powered by VMware Horizon 7, QxVDI-HC greatly simplifies operation and accelerate time-to-value by allowing users to manage multiple desktops through a single platform. It is specifically designed for compute-intensive workloads in large office, R&D lab, and ROBO (Remote Office and Branch Office) environments. Customers from SMBs, healthcare as well as financial industry often find QxVDI-HC an appliance ideal for their needs.

## How would I purchase QxVDI-HC? 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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