

QxStack VMware Edition- vSAN ReadyNode™



Flexible Virtualization Architecture to Fulfill Your Workload Solutions

QCT (Quanta Cloud Technology) is a leading data center solution provider. We have a comprehensive product line with a wide variety of server, storage, switches, and rack products to meet your needs. **QxStack VMware Edition-vSAN ReadyNode™** is a pre-validated solution integrating various product lines, QCT servers, and VMware leading virtualization software to fit your demands with different use cases and scenarios. QxStack VMware Edition- vSAN ReadyNode™ helps you fully utilize not only computing but also storage resources by breaking traditional storage silos. It also promotes simplicity, agility, manageability, and lowers TCO when building clouds.

- Integrating ultra-design servers and VMware software, QCT ensures reliability on supporting multiple workloads
- Pre-Validated solution with QxStack VMware Edition-vSAN ReadyNode™ auto deployment tool to minimize your time to value and to set up cloud environments.
- QxStack VMware Edition-vSAN ReadyNode™ offerings
 - Performance Optimized SKU
 - Cost/Capacity Optimized SKU
 - High-Density Optimized SKU
- QxStack VMware Edition-vSAN ReadyNode™ is suitable for your business on:
 - Infrastructure-as-a-Service
 - Virtual Desktop Infrastructure
 - Remote and Branch Office (ROBO)
 - Business Critical Applications
 - Test and Development
 - Management Infrastructure

Features and Benefits

QxStack VMware Edition-vSAN ReadyNode™ provides solutions for Infrastructure as a Service (IaaS), Virtual Desktop Infrastructure (VDI), Remote and Branch Office (ROBO), business critical applications, big data analysis, and so on.



Reliability

More than 14-years of experience in datacenter system design engineering and manufacturing, QCT is highly recognized as the world's leading data center enabler for delivering exceptional quality and reliability.



Manageability

Systems, software and solutions provided by QCT can be managed from a single management interface, QCT to be the single point of contact to solve both hardware and software issues. These two features provide management convenience and shorten datacenter downtime.



Pay as You Grow

QxStack VMware Edition- vSAN ReadyNode™ 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 blocks providing agility on expanding IaaS services without downtime.



Faster Time to Value

QCT validated and optimized the solution configuration and provides hardware and software integration service. By using QxStack VMware Edition -Auto Deployment Manager, drastically shorten implementation time. With the service and tool, IaaS implementation is simplified and customer can get faster time to value in your datacenter.



Latest Technology

Designed with QCT Next Generation Server Platforms with Intel® Xeon® Scalable processor, providing sufficient I/O to ensure no scaling bottlenecks to support fast-growing business demands.







Pre-configured for Quick Deployment

Pre-configured to run the vSphere + vSAN + vCenter software stack in a recommended hardware form factor. Optimized/ customized hardware and software configurations to meet business requirements.

QCT Optimized Offerings

By integrating ultra-design servers and industry-leading virtualization hyper-converged VMware software, QCT ensures outstanding performance when supporting multiple workloads. QxStack VMware Edition-vSAN ReadyNode™ is a series of hyper-converged IaaS appliances with VMware vSAN ReadyNode™ Certification. It brings the benefits of solving the complexity implementation and management problems in a simply way.

QCT has three pre-validated and optimized offerings to meet your requirements:

Performance Optimized SKU	High-Density Optimized SKU	Cost/Capacity Optimized SKU
<p><i>Business critical application</i></p>   <p>Designed for NVMe future fast SSDs, this SKU delivers an exceptional performance within a 1U chassis, QuantaGrid D52B-1U</p> <p>6M IOPS highest IOPS vSAN can achieving</p> <p>All NVMe provide sufficient performance</p>	<p><i>VDI/datacenter general purpose</i></p>  <p>Equipped with four independent nodes in a 2U server, QuantaPlex T42S-2U, this SKU offers high-availability and exceptional user experience.</p> <p>HY/AF support both Hybrid and All Flash</p> <p>50% Lower energy consumption</p>	<p><i>Streaming, file storage, large capacity demand</i></p>  <p>With 12 hot-swappable 3.5" disk drive and 4 2.5" U.2 drive in a 1U chassis, this SKU provides extreme storage density and low capacity costs.</p> <p>Up to 120TB raw capacity</p> <p>Cost Efficient single license</p>

vmware



Intel® Xeon® Scalable Processor
Intel Inside®. New Possibilities Outside.

Found at: <http://go.qct.io/contact/contact-qct-solutions>

Specifications



More information:
<http://go.qct.io/solutions/>
Found at: <http://go.qct.io/contact/contact-qct-solutions>

United States
 QCT LLC., Silicon Valley office
 1010 Rincon Circle, San Jose, CA 95131
 TOLL-FREE: 1-855-QCT-MUST
 TEL: +1-510-270-6111
 FAX: +1-510-270-6161
 Support: +1-510-270-6216

China
 云达科技, 北京办公室
 (Quanta Cloud Technology)
 北京市朝阳区东大桥路 12 号润城中心 2 号楼
 TEL: +86-10-5920-7600
 FAX: +86-10-5981-7958

云达科技, 杭州办公室
 (Quanta Cloud Technology)
 浙江省杭州市西湖区古墩路浙商财富中心 4 号楼
 303 室
 TEL: +86-571-2819-8650

Japan
 Quanta Cloud Technology Japan 株式会社
 日本国東京都港区芝大門二丁目五番八号
 牧田ビル 3 階
 TEL: +81-3-5777-0818
 FAX: +81-3-5777-0819

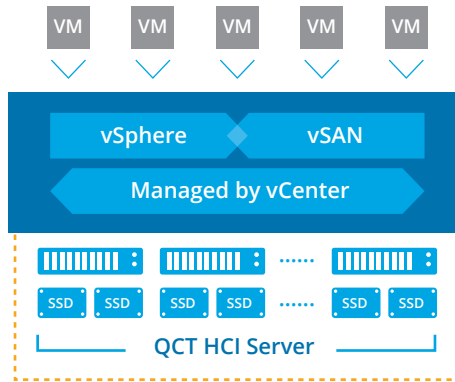
Taiwan
 雲達科技 (Quanta Cloud Technology)
 桃園市龜山區文化二路 211 號 1 樓
 TEL: +886-3-286-0707
 FAX: +886-3-327-0001

Germany
 Quanta Cloud Technology Germany GmbH
 Hamborner Str. 55, 40472 Düsseldorf
 TEL: +49-2405-4083-1300

Other regions
 Quanta Cloud Technology
 No. 211 Wenhua 2nd Rd., Guishan Dist.,
 Taoyuan City 33377, Taiwan
 TEL: +886-3-327-2345
 FAX: +886-3-397-4770

QCT authorized partner

QxStack VMware Edition - vSAN ReadyNode™ Architecture



About QCT

Quanta Cloud Technology (QCT) is a global data center solution provider. We combine the efficiency of hyperscale hardware with infrastructure software from a diversity of industry leaders to solve next-generation data center design and operation challenges. QCT serves cloud service providers, telecoms and enterprises running public, hybrid and private clouds.

Product lines include hyper-converged and software-defined data center solutions as well as servers, storage, switches, integrated racks with a diverse ecosystem of hardware component and software partners. QCT designs, manufactures, integrates and services cutting edge offerings via its own global network. The parent of QCT is Quanta Computer, Inc., a Fortune Global 500 corporation.

	Production, Lab, VDI, ROBO		
Model name	QuantaGrid D52B	QuantaGrid D52BQ	QuantaPlex T42S
Form Factor	1U	2U	2U
Processor	(2) Intel® Xeon® Scalable Processors Platinum/ Gold/ Silver Series		
Memory	Up to 1.5TB		Up to 4TB
Driver Bays	(12) 2.5" hot-plug	(12) 3.5" hot-plug (24) 2.5" hot-plug	(24) 2.5" hot-plug
Cache Tier	960GB - 3.84TB	960GB - 3.84TB	3.84TB
Capacity Tier- Hybrid	Up to 18TB	Up to 32.4TB	36TB
Capacity Tier- All Flash	Up to 19.2TB	Up to 34.56TB	38.4TB
Hypervisor preloaded	VMware ESXi		
Software License	VMware vSphere®, VMware vSAN™, VMware vCenter®, VMware vRealize® Operations Manager™(Optional)		
Warranty	3 years hardware warranty and 1 year VMware SNS support		

For more SKUs, please visit [VMware Compatibility Guide-vSAN](#)

	High-Capacity Demand	Mission Critical Production Environment
Model name	QuantaGrid D52T	QuantaGrid D52B
Form Factor	1U	1U
Processor	(2) Intel® Xeon® Scalable Processors Platinum/Gold/ Silver Series	(2) Intel® Xeon® Gold 6152 Processor
Memory	Up to 384GB	384GB
Driver Bays	(12) 3.5" hot-plug HDD (4) 2.5" hot-plug SSD	(12) 2.5" hot-plug
Cache Tier	3.84TB to 7.68TB	750GB (NVMe)
Capacity Tier- Hybrid	Up to 120TB	N/A
Capacity Tier- All Flash	N/A	8TB (NVMe)
Hypervisor preloaded	VMware ESXi	
Software License	VMware vSphere®, VMware vSAN™, VMware vCenter®, VMware vRealize® Operations Manager™(Optional)	
Warranty	3 years hardware warranty and 1 year VMware SNS support	

For more SKUs, please visit [VMware Compatibility Guide-vSAN](#)

All specifications and figures are subject to change without prior notice. Actual products may look different from the photos.

QCT, the QCT logo, Rackgo, Quanta, and the Quanta logo are trademarks or registered trademarks of Quanta Computer Inc.

VMware and the VMware logo are registered trademarks of VMware, Inc.

All trademarks and logos are the properties of their respective holders.

Copyright © 2018 Quanta Cloud Technology Inc. All rights reserved.



Intel Inside®. New Possibilities Outside.

Intel, the Intel logo, Xeon, and Xeon Inside are trademarks or registered trademarks of Intel Corporation in the U.S. and/or other countries.