

QxStack VMware Edition- vSAN ReadyNode™



QCT QxStack VMware Edition-vSAN ReadyNode™ Performance Optimized SKU

Enterprises around the world are facing drastic information explosion. To address the challenges, it is critical for enterprises to rearrange their data centers to support new ways of doing business. In order to assist customers and partners to accelerate data center transformation, Quanta Cloud Technology (QCT), a global data center solution provider, participates in the Intel® Select Solution Program and collaborates with Intel® to provide a ready-to-use software-defined data center solution- QxStack vSAN ReadyNode™ – Performance Optimized SKU.



Simplify Modernization

Reduce time to evaluate, select, and purchase necessary hardware components.



Strengthen Reliability

Provide a confident choice by passing rigorous VMware® vSAN ReadyNode™ certification.



Ensure the Performance in Business-Critical Scenarios:

Pre-optimize the setting parameters for business common use cases such as E-commerce or scalable web scenario to reach outstanding performance, exceeding Intel® Select program's threshold.



Accelerate Time to Value

Minimize time to deploy new infrastructure.

Efficient, Secured, Agile, Simplified Management Solution for Your Private Cloud Environment.

Designed with the Intel® Xeon® Scalable platform and the latest NVMe SSDs in QuantaGrid D52B-1U system, QxStack vSAN ReadyNode™ – Performance Optimized SKU provides sufficient I/O throughput to ensure no scaling bottlenecks to support fast-growing business demands. In addition, with QCT's auto deployment tool, users can dramatically minimize the time up and running the system. By adopting these industry-leading technologies, QCT QxStack VMware Edition-vSAN Ready Node™ series provide users efficient, secured, agile, simplified management solution for your private cloud environment.

QCT QxStack vSAN ReadyNode™ – Performance Optimized SKU Spec

Ingredient	Intel® Select Solution Configuration
Platform	QuantaGrid D52B-1U Server
Processor	2 x Intel® Xeon® Gold 6152 CPU @ 2.10 GHz / 22C/44T
Memory	384GB (12 x 32GB 2666MHz 288-pin DDR4 RDIMM)
Boot Drive	SATADOM 32GB
Storage	Cache Tier: 2 x 375 GB Intel® SSD DC P4800X Series Capacity Tier: 4 x 2 TB Intel® SSD DC P4500 Series (2.5-inch)
Data Network	Intel® Ethernet Converged Network Adapter X710-2



Faster Deployment.
Optimized Configurations.

QCT QxStack VMware Edition-vSAN Ready Node™ series contain a complete product line of pre-validated solution by integrating various kinds of QCT servers with VMware leading virtualization software to meet the demands from different use cases and scenarios, help you fully utilize your resources and overcome the challenges.

Learn more: <http://go.qct.io/solutions/>

Specifications



Learn more:
<http://go.qct.io/solutions/>

Contact 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™ Spec-All Flash				Intel Select solution
All Flash SKU	QuantaGrid D52B-1U (12) 2.5" hot-plug	QuantaGrid D52BQ-2U (12) 3.5" hot-plug	QuantaPlex T42S-2U (24) 2.5" hot-plug	QuantaGrid D52B-1U (All NVMe) (12) 2.5" hot-plug
				 Performance Optimized SKU
Suggested workload	Production, Lab, VDI, ROBO			Mission-critical production environment
Server Factor	1U 1Node	2U 1Node	2U 4Node	1U 1Node
Raw Capacity Per Node	(4/8/10)1920GB	(4/8/10)1920GB	(20)1920GB	(4) 2TB
Cache Per Node	(2) 960/1920GB	(2) 960/1920GB	(4) 960GB	(2) 375GB
CPU Per Node	(2) Intel® Xeon® Scalable Processors Platinum/Gold/Sliver Series	(2) Intel® Xeon® Scalable Processors Platinum/Gold/Sliver Series	(2) Intel® Xeon® Scalable Processors Platinum/Gold/Sliver Series	(2) Xeon® Gold 6152
Memory Per Node	128-768GB	128-768GB	1024-2048GB	384GB

* Software stack include VMware vSphere®, VMware vSAN™, VMware vCenter®, and VMware vRealize® Operations Manager™.
All SKUs include 3 years HW warranty and 1 year VMware SNS support.
For more SKUs, please visit [VMware Compatibility Guide-vSAN](#)

QxStack VMware Edition-vSAN ReadyNode™ Spec-Hybrid				
Hybrid SKU	QuantaGrid D52B-1U (12) 2.5" hot-plug	QuantaGrid D52BQ-2U (12) 3.5" hot-plug	QuantaPlex T42S-2U (24) 2.5" hot-plug	QuantaGrid D52T-1ULH (12) Hot-Swappable HDD (4) Hot-Swappable SSD
			 Compute-Storage Optimized SKU	 Cost/Capacity Optimized SKU
Suggested workload	Production, Lab, VDI, ROBO			Mission-critical production environment
Server Factor	1U 1Node	2U 1Node	2U 4Node	1U 1Node
Raw Capacity Per Node	(4/8/10)1800GB	(4/8/10)1800GB	(20)1800GB	(8/12)2000/8000GB
Cache Per Node	(2) 960/1920GB	(2) 960/1920GB	(4) 960GB	(2/4) 960/1920GB
CPU Per Node	(2) Intel® Xeon® Scalable Processors Platinum/Gold/Sliver Series	(2) Intel® Xeon® Scalable Processors Platinum/Gold/Sliver Series	(2) Intel® Xeon® Scalable Processors Platinum/Gold/Sliver Series	(2) Intel® Xeon® Scalable Processors Platinum/Gold/Sliver Series
Memory Per Node	128-768GB	128-768GB	1024-2048GB	128-512GB

* Software stack include VMware vSphere®, VMware vSAN™, VMware vCenter®, and VMware vRealize® Operations Manager™.
All SKUs include 3 years HW warranty and 1 year VMware SNS support.
For more SKUs, please visit [VMware Compatibility Guide-vSAN](#)

About QCT

Quanta Cloud Technology (QCT) is a global datacenter solution provider. We combine the efficiency of hyperscale hardware with infrastructure software from a diversity of industry leaders to solve next-generation datacenter 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 datacenter 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.

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Faster Deployment.Optimized Configurations.

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