

QxStack

with Red Hat
OpenStack Platform
for Edge
Infrastructure



An Edge Infrastructure Pre-integrated and Validated for Communication Service Providers

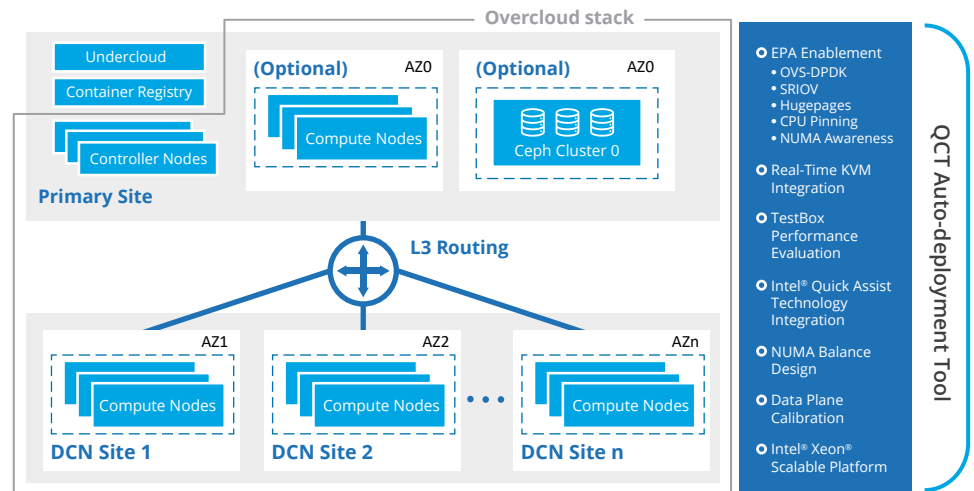
At a Glance

Edge computing creates virtualized cloud computing environments in access networks that enable communication service providers (CoSP) and enterprise to provide the delivery of content and applications, generate new service revenue, improve network efficiency, and deliver next generation services.

Together with Red Hat, QCT QxStack with Red Hat OpenStack for edge infrastructure is the pre-integrated, pre-validated edge platform to minimize edge service deployment effort and accelerate time-to-market. The joint-solution delivers the low latency and high bandwidth expect of MEC implementation.

Leverage Red Hat OpenStack Platform, QCT QxStack for edge infrastructure refers to the practice of deploying compute nodes to remote locations that might not be the typical data centers. With this approach, compute and controller nodes are deployed in the primary site while distributed compute nodes are in the DCN site for the edge application deployment.

- Adheres to ETSI standards for openness and full compatibility.
- Integrated Red Hat OpenStack Platform with Distributed Compute Nodes feature
- Enabled EPA features with validated test suite for improving network performance.
- Intel® Quick Assist Technology (QAT) and Real-Time KVM optional features to accelerate system performance.
- Optimized solution with QCT Auto Deployment Tool for accelerating time-to-market.
- Add-on solutions for system validation and operational monitoring architectures quickly.



Powered by Intel® Xeon®
Scalable Processors

About QCT

Quanta Cloud Technology (QCT) is a global datacenter solution provider. We combine the efficiency of hyper-scale hardware with infrastructure software from a diversity of industry leaders to solve next-generation datacenter design and operation challenges. QCT serves cloud service providers, telecom 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.

Found at: www.QCT.io/wheretobuy



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QCT authorized partner

Suggested Primary site Hardware SKU

QuantaGrid D52B-1U



Defying Physical Limitations

- Top shelf Xeon P processor
- Up to 5x PCIe expansion slots
- Up to 3 TB memory capacity
- Up to 12x hot-swap drive bays

QuantaGrid D52BQ-2U



Scale Along with Your Business

- Top shelf Xeon P processor
- Up to 10x PCIe expansion slots
- Up to 7.5 TB memory capacity
- Up to 26x hot-swap drive bays

Suggested Edge site Hardware SKU

QuantaGrid SD2H-1U



Ultimate I/O Flexibility for Edge

- 400 mm Chassis Depth
- Flexible Front I/O module design
- Up to 2x PCIe expansion for FPGA/GPU
- Up to 2x U.2 for cache acceleration
- Support -48V DC PSU
- Support both Front & Rear inlets

QuantaGrid D52BE-2U



NVME Balanced Optimized for NFVi

- Top shelf Xeon SP (CLX-N) processor
- 579 mm Chassis Depth
- Up to 7x PCIe expansion slots
- Up to 3x memory capacity

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