

Intel® Select Solutions for Microsoft Azure Stack HCI



Simplify the deployment for hybrid cloud solution on Azure Stack HCI with Intel® Select Solutions

Customer can now enjoy a brand new hybrid cloud solution on Azure Stack HCI in Windows Server 2019, which combines QCT's hardware, SDI, and remote Azure services. It can be easily deployed on-premises at a fraction of cost of traditional NAS or SAN arrays, making it effortless to update your IT resources on archaic Windows Server 2008.

Key Benefit



Deliver time-to-value

Pre-configured with certified components and pre-validated configuration to minimize your hardware and software integration efforts.



Enable diverse use cases

Various configurations optimized for diverse business critical applications and use cases to make adoption more convenient.



Ease of deployment

Ease of deployment allows our team of experts to walk you through our portfolio and recommend the best suited solution.



Faster Deployment.
Optimized Configurations

Intel® Select Solutions Overview

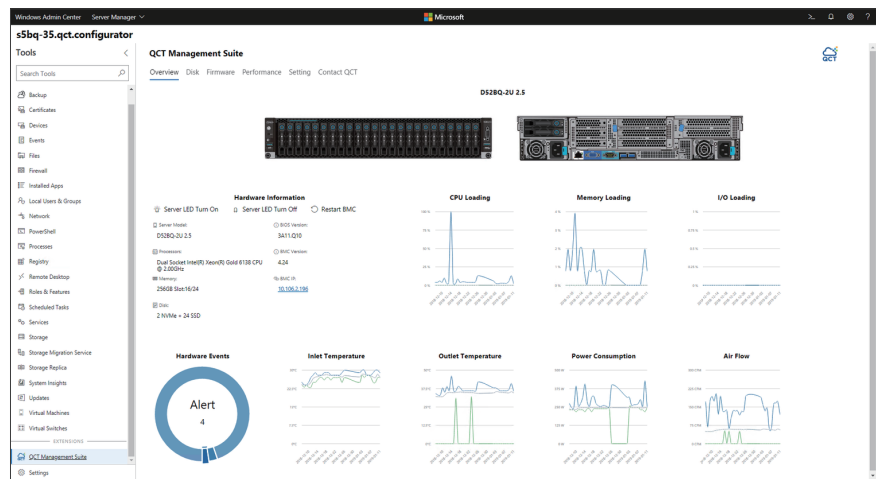
Intel® Select Solutions optimizes customers' workload in cloud computing by streamlining the process of deploying suitable hardware and software needed for various applications. It also eliminates time-consuming guesswork as every component is pre-validated and pre-configured by Intel and QCT, providing true all-Intel offerings.

QCT and Intel now offer the most advanced data center solutions

QCT and Intel have been collaborating with each other on testing, marketing, and solution development so as to consistently put forward the best cloud solutions in the industry.

QCT is one of the pioneers as solution providers of Azure Stack HCI. Each QCT's offering eligible for Azure Stack HCI is optimal for specific workloads. Among all the solutions, QuantaGrid D52B for Intel Select Solutions is an all-NVME offering. It contains the latest 2nd Generation Intel® Xeon® Scalable processors (Improved frequency and architecture supporting DC Persistent), Intel® Optane™ and Intel® 3D NAND Technology-based SSDs (optimize storage efficiency), and Intel® Optane™ DC persistent memory (improves performance and latency) for Data Center workloads as well as other existing technologies. Especially for Intel Optane DC persistent memory, it is a cutting-edge solution that can function as both memory and drive, whichever the users desire in different scenarios. This groundbreaking technology has enormously ameliorated the flexibility of solutions utilizing it.

QCT also offers management tool extension that helps manage QuantaGrid D52B-1U for Intel Select Solutions, called QCT's WAC (Windows Admin Center) extension. It enhances user experiences on Azure Stack HCI with features like, (1) Server Health Status Overview with easy-to-interpret graphs (2) Intuitive UI with vivid disk mapping and LED signal (3) Lifecycle management with driver supervision and one-click firmware update (4) Advanced management with S.M.A.R.T prediction. Make the management experience of Intel Select Solutions on Azure Stack HCI delightful.



Intel Select Solutions Configuration



Platform (per node)	QuantaGrid D52B-1U
CPU	(2) Intel® Xeon® Gold 6252N processor, 2.3 GHz, 24 core
Memory	Dual Modes: 384 GB (12x 128 GB Intel® Optane™ DC persistent memory) -25% in memory mode and 192 GB (12x 16G 2666 MHz DDR4 RDIMM)
Boot Drive	(1) Intel® S4510 480G SSD Boot
Cache Tier	1152 GB (12x 128 GB Intel® Optane™ DC persistent memory) -75% in Storage over App Direct Mode
Capacity Tier	(4) Intel® SSD DC P4510 2 TB
Data Network	25GbE dual port Mellanox ConnectX®-4 Lx EN rNDC



Found at:
www.QCT.io/wheretobuy

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Learn More

QCT: go.qct.io/solution/qct-premie

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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, telcoms 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.

QCT authorized partner

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