

STRATOS S100 Series S100-L11D



Haswell
Refreshed with
Redundant
Power Supply

Quanta®

QCT STRATOS S100-L11D is an ultra-dense 1U storage server specially tailored to meet the scale-out storage needs of diverse datacenters. It features large storage capacity of up to 14 SATA devices in compact 1U size, cost effective onboard design, and Intel's high performance & efficient power processor. The STRATOS S100-L11D is a great choice for applications such as highly scalable and high-throughput object storage and distributed file system in cloud datacenters.



Provide Extremely Large Storage in 1U Space

Big Data is getting particularly much attention today because of the growth predictions for data. QCT STRATOS S100-L11D is a standard 1U rackmount system. It amazingly supports up to 14 SATA devices, including twelve 2.5" or 3.5" fixed HDD/SSD bays, one fixed 2.5" HDD/SSD bay and one optional SATADOM. It provides unprecedented storage combinations and capacity in a 1U chassis for diverse datacenters. Moreover, the system eliminates unnecessary features and positioned itself as a pure storage server, powered by Intel® Xeon® processor E3-1200 v3 product family and supporting four DDR3 ECC UDIMMs.

Bring You the Most Efficiency with Onboard Design

QCT STRATOS S100-L11D not only lowers the cost, but also highly increases the efficiency because of its built-on-board design. All key functions are built on the motherboard, including four 1GbE RJ45 ports for accessing or managing the server from multiple networks, one dedicated RJ45 management port, one optional 10GbE SFP+ port for high speed data access, and onboard SATA ports plus LSI 2008 SAS controller for various storage devices. The exceptional design makes all components work smoothly together. Plus one fixed 400W or two redundant 450W 80plus gold power supply modules, the S100-L11D can be ranked as one of the most efficient server ever.

About Quanta Cloud Technology (QCT)

Quanta Cloud Technology (QCT) provides advanced hardware systems to cloud datacenters worldwide. Product lines include servers, storage, network switches, and integrated rack systems. QCT customers want the same innovative cloud hardware technology in use by hyperscale cloud datacenter operators, but in off-the-shelf SKUs with global services. QCT sells cloud hardware that delivers hyperscale performance, efficiency and advanced engineering, with flexible product configuration, rack integration, performance tuning and engineering consulting services to help customers deploy optimized cloud solutions for their unique cloud workloads.

QCT's parent is Quanta Computer, Inc., a Fortune Global 500 company with more than 100,000 employees located at engineering, manufacturing and services facilities worldwide. <http://www.QuantaQCT.com>

STRATOS S100 Series S100-L11D



Form Factor (L x W x H)	L1 (1U Chassis) 812.8mm x 438mm x 43.2mm 32" x 17.24" x 1.7"
MB Size (W x L)	9.6" x 9.6", 6 Layer
Processor	(1) Intel® Xeon® processor E3-1200 v3 product family
Chipset	Intel® C226 chipset
SAS Controller	LSI 2008 SAS controller (on board)
Memory	(4) 1600/1333 MHz DDR3 ECC UDIMM
System Drive Bay	(12) 3.5" or 2.5" fixed HDD/SSD bays (1) 2.5" fixed HDD/SSD bay (Not available in Redundant PSU SKU) (1) SATADOM
Onboard Storage Device	(2) miniSAS 6Gbs connectors signal from LSI2008 (1) miniSAS 6Gbs connectors signal from Intel® C226 (2) SATA 6Gbs connectors signal from Intel® C226 (one can be used for optional SATADOM)
HDD Backplane	1 to 1
PCIe Expansion Slot	(1) PCIe G3 x8 slot (x 8 signals)
Network	(4) Intel® I210 GbE RJ45 ports (1) Intel® 82599 10Gb SFP+ onboard port (optional)
Management Port	(1) Dedicated 10/100 BASE-T RJ45 management port
Integrated Graphics (BMC)	Aspeed AST2300 8MB DDR3 video memory
Rear I/O	(2) USB 2.0 ports (1) VGA port (1) RS232 serial port (4) GbE RJ45 ports (1) 10/100 RJ45 management port (1) 10GbE SFP+ onboard port (optional)
Power Supply	(1) High efficiency 400W single fixed PSU, 80plus gold Or (2) High efficiency 450W redundant PSUs, 80plus gold

TPM	Yes (optional)
RoHS	Yes
Intel Node Management Support	Yes
System Management	IPMI v2.0 compliant, on board "KVM over IP" support
Operating Environment	Operating temperature: 10°C to 35°C (50°F to 95°F) Non-operating temperature: -40°C to 70°C (-40°F to 158°F) Operating relative humidity: 50% to 90%RH Non-operating relative humidity: 20% to 95%RH



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