



# Maximizes Performance for Your Enterprise



## QSSC-S99K 1U/2U

Designed to meet the demands of the densest data center environments, the high-performance QSSC-S99K provides the massive memory and disk storage in a space-efficient 1U/ 2U form factor. It is an ideal platform for power and space sensitive customers requiring maximum memory flexibility.

- **Supports up to two Intel® Xeon® 5500/5600 series processors**
- **Enhanced memory capacity with up to 144 GB of system memory (via 18 DIMMs)**
- **Two dedicated mezzanine connectors for 6Gb/s SAS and 10GbE connectivity**
- **Policy-based control on power budget**
- **Onboard KVM over IP with dedicated LAN support**

The QSSC-S99K 1U/2U systems support up to two dual/quad-core Intel® Xeon® 5500/5600 series processors and 18 DDR3 UDIMM/RDIMM slots with up to 144 GB of system memory. The enhanced computing power and memory capacity brings immediate performance scaling up and is ideal for high performance computing applications and virtualization. Optional RAID 0, 1, 10 function and redundant power & cooling design increases server reliability and availability. Besides, onboard ME (Management Engine) allows policy-based control on power budget; IPMI v2.0/ KVMoIP with dedicated LAN support eases the server management.

# QSSC-S99K 1U/2U Specifications:



	QSSC-S99K 1U	QSSC-S99K 2U
<b>Dimensions(L x W x H)</b>	1U Rack, 28"x 16.9"x 1.7"	2U Rack, 28"x 16.9"x 3.5"
<b>MB Form Factor</b>	Standard SSI EEB: 12" x 13"	Standard SSI EEB: 12" x 13"
<b>CPU</b>	Up to 2 Intel® Xeon® 5500/5600 Series Processors	Up to 2 Intel® Xeon® 5500/5600 Series Processors
<b>Chipset</b>	Intel® 5500 Chipset (Tylersburg-24D) + ICH10R	Intel® 5500 Chipset (Tylersburg-24D) + ICH10R
<b>System Memory</b>	Support 18 DDR3 800/1066/1333 UDIMM (w/ ECC) or RDIMM slots Up to 144GB of memory for RDIMM Up to 36GB of memory for UDIMM	Support 18 DDR3 800/1066/1333 UDIMM (w/ ECC) or RDIMM slots Up to 144GB of memory for RDIMM Up to 36GB of memory for UDIMM
<b>HDD</b>	4 x 3.5" or 10 x 2.5" Hot-Swap SAS II /SATA II HDDs	12 x 3.5" or 24 x 2.5" Hot-Swap SAS II /SATA II HDDs 2 x optional internal 2.5" SATA II HDDs supported Support up to 12 x 3TB HDD for data drives
<b>SAS Controller</b>	LSI SAS 2008 Mezzanine Card (Optional)	LSI SAS 2008 Mezzanine Card (Optional)
<b>SATA Controller</b>	Intel® ICH10R SATAII 3.0Gb/s	Intel® ICH10R SATAII 3.0Gb/s
<b>RAID</b>	RAID 0,1,10 (Optional)	RAID 0,1,10 (Optional)
<b>Network</b>	2 10/100/1000 BASE-TX RJ45 ports 1 dedicated 10/100 BASE-TX management port 1 dual port 10GbE NIC mezzanine card (Optional)	2 10/100/1000 BASE-TX RJ45 ports 1 dedicated 10/100 BASE-TX management port 1 dual port 10GbE NIC mezzanine card (Optional)
<b>PCIe Slot</b>	1 PCIe Gen2 x16 full height card slot 1 SAS Mezzanine card connector 1 10GbE NIC Mezzanine card connector	2 PCIe Gen2 x16 full height card slot 1 SAS Mezzanine card connector 1 10GbE NIC Mezzanine card connector
<b>Integrated Graphics</b>	AST2050 embedded VGA w/8MB DDR2 video memory	AST2050 embedded VGA w/8MB DDR2 video memory
<b>External I/O</b>	<b>Front I/O:</b> Power/ID/Reset Buttons, LEDs, 2 USB2.0 ports(3.5" HDD SKU only) <b>Rear I/O:</b> 2 USB2.0 ports, 1 serial port, 1 VGA 1GbE (RJ45) ports x 2 10/100 management port x 1	<b>Front I/O:</b> Power/ID/Reset Buttons, LEDs, <b>Rear I/O:</b> 2 USB2.0 ports, 1 serial port, 1 VGA 1GbE (RJ45) ports x 2 10/100 management port x 1
<b>Power Supply</b>	650W 1+1 Redundant Power Supplies	750W 1+1 Redundant Power Supplies
<b>System Fan</b>	5 axial fans, speed detectable with PWM control	3 axial fans, speed detectable with PWM control
<b>RoHS Compliance</b>	Yes	Yes
<b>Server Management Support</b>	IPMI v2.0 Compliant, on board "KVM over IP" support	IPMI v2.0 Compliant, on board "KVM over IP" support



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