

# STRATOS S200 Series S200-X12TS

2-Socket General Purpose  
1U Server



# Quanta

Quanta STRATOS S200-X12TS is a 2-socket general purpose 1U server, supporting two Intel® Xeon® processor E5-2400 family and twelve DDR3 DIMM slots. It is designed with optimized cost suitable for fast growing small and medium businesses who need more performance head rooms to scale up from 1-socket platforms.

#### Upgrade Computing Power for Fast Growing Business

The STRATOS S200-X12TS is a 2-socket rackmount 1U server powered by up to two 8-core Intel® Xeon® processor E5-2400 product family. With up to 384GB memory and 12 hard drives, the system is an ideal general purpose or storage server for fast growing small and medium businesses. When install with one processor, the S200-X12TS has 1.5 times performance increase compared with Intel® Xeon® E3-1200 1-socket servers; with full configuration of two processors, it boosts the performance by 3 times. The S200-X12TS is definitely a smart investment to help you manage your business better today and prepare for quick business expansion tomorrow.

#### High Storage Flexibility

Quanta STRATOS S200-X12TS amazingly supports up to 12 hard drives and provides many storage combinations in a 1U chassis. Choices include four 3.5" or ten 2.5" SAS/SATA hot-plug hard drives in the front side, two internal 2.5" or 3.5" SATA drives, and one extra 2.5" fixed front access SSD drive (3.5" SKU only). In addition, the S200-X12TS also offers an optional USB flash module for OS installation. Datacenters could choose different levels of storage from 3Gb/6Gb SATA/SAS, or enterprise SSD drives to create optimal storage solutions for different business applications.

#### Enhanced I/O and Networking Ability

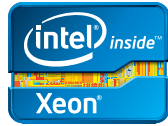
The STRATOS S200-X12TS has great I/O scalability to meet small and medium businesses' diverse applications, providing plenty of room to grow. It offers two onboard GbE RJ45 ports; expansion options include onboard Intel® SAS/RAID upgrade ROM, one standard PCIe x8 slot, and two dedicated mezzanine slots for SAS/RAID and 10GbE SFP+ adaptors. By supporting PCIe 3.0, it improves I/O bandwidth up to 2 times from previous generation. I/O latency is also dramatically reduced with Intel® integrated I/O technology, which helps datacenters eliminate data bottlenecks, streamline operations, and increase agility.

#### Quanta, Leading Datacenter Solution Provider

For years, Quanta has successfully developed and customized its advanced engineered products for enterprise datacenters, service providers, and top-tier multinational firms worldwide. Based on the rich experiences, Quanta is dedicated on development of "best Performance-per-Watt and per-Dollar" solutions to fulfill ever-growing datacenter demands for all budgets. The STRATOS S200 series servers are designed for small and medium businesses & cloud service providers with lower CAPEX, OPEX, and satisfying overall performance.



# STRATOS S200 Series S200-X12TS



<b>Form Factor</b> ( L x W x H )	X1 (1U Chassis) 728mm x 438mm x 43.2mm 28.66" x 17.24" x 1.7"	<b>Network</b>	(2) Intel® I350 GbE RJ45 ports (1) Quanta 10GbE SFP+ dual port mezzanine card (optional)
<b>MB Size</b> ( W x L )	416.6mm x 406.4mm 6.5" x 16.4"	<b>Management Port</b>	(1) Dedicated 10/100 BASE-T RJ45 management port
<b>Processor</b>	(2) Intel® Xeon® processor E5-2400 product family	<b>Integrated Graphics (BMC)</b>	Aspeed AST2300 8MB DDR3 video memory
<b>Chipset</b>	Intel® C602 chipset	<b>Rear I/O</b>	(2) USB 2.0 ports (1) VGA port (1) RS232 serial port (2) GbE RJ45 ports (1) 10/100 BASE-T RJ45 management port
<b>SAS Controller</b>	<b>[Intel® SAS controller] &lt;SAS 3G&gt;</b> <3.5"> Intel® C602 upgrade ROM #1 (optional) Intel® C602 upgrade ROM #2 (optional) or <b>[LSI SAS controller] &lt;SAS 6G&gt;</b> <2.5"> Quanta LSI SAS 2008/2308 mezzanine card Quanta LSI SAS 2108/2208 mezzanine card (optional) <3.5"> Quanta LSI SAS 2008/2308 mezzanine card (optional) Quanta LSI SAS 2108/2208 mezzanine card (optional)	<b>Power Supply</b>	(1) 750W high efficiency PSU, 100-240VAC 50/60Hz (1) 750W high efficiency redundant PSU, 100-240VAC 50/60Hz (optional)
<b>Memory</b>	(12) DDR3 800/1066/1333/1600 MHz ECC UDIMM/RDIMM/LRDIMM slots	<b>RoHS</b>	Yes
<b>Drive Bay</b>	(4) 3.5" or (10) 2.5" SATA/SAS hot-plug HDDs (2) 3.5" or 2.5" fixed internal SATA HDDs/SSDs (1) 2.5" fixed front access SATA SSD (3.5" SKU only)	<b>Intel Node Management Support</b>	Yes with PMBus 1.2 PSU
<b>Onboard Storage Device</b>	(8) SATA connectors signal from Intel® C602 (1) USB connector for optional USB Flash Module	<b>System Management</b>	IPMI v2.0 compliant, on board "KVM over IP" support
<b>HDD Backplane</b>	2.5" SKU : 1 to 1 or expander 3.5" SKU : 1 to 1		
<b>PCIe Expansion Slot</b>	(1) PCIe x8 G3 slot for Quanta LSI SAS/RAID mezzanine card (1) PCIe x8 G3 riser slot for Quanta 10GbE SFP+ mezzanine card (1) PCIe x8 G3 riser slot for low-profile card		
<b>SW RAID Options</b>	<b>[LSI SW RAID]</b> <2.5"> Quanta LSI SAS 2008/2308 mezzanine card for RAID 0/1/10 <3.5"> Quanta LSI SAS 2008/2308 mezzanine card for RAID 0/1/10 (optional)		
<b>HW RAID Options</b>	<b>[2.5" &amp; 3.5" 1 to 1 SKU]</b> Quanta LSI SAS 2108/2208 PD-8 mezzanine card for RAID 0/1/10/5 (optional) Quanta LSI SAS 2108/2208 PD-8 mezzanine card + LSI RAID 6 Key for RAID 0/1/10/5/6/50/60 (optional) <b>[2.5" Expander SKU]</b> Quanta LSI SAS 2108/2208 PD-16 mezzanine card for RAID 0/1/10/5 (optional) Quanta LSI SAS 2108/2208 PD-16 mezzanine card + LSI RAID 6 Key for RAID 0/1/10/5/6/50/60 (optional)		



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