

Intel® Server Board S2600STQR

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Essentials	Essentials		Download Specifications ↓
Supplemental Information	Product Collection	Intel® Server Board S2600ST	
Memory Specifications	Code Name	Products formerly Sawtooth	
Processor Graphics	Marketing Status	Launched	
Expansion Options	Launch Date ?	Q2'19	
I/O Specifications	Expected Discontinuance ?	2023	
Package Specifications	Limited 3-year Warranty	Yes	
Advanced Technologies	Extended Warranty Available for Purchase (Select Countries)	Yes	
Security & Reliability	Additional Extended Warranty Details	Dual Processor Board Extended Warranty	
	# of QPI Links ?	2	
	Supported Operating Systems	VMware®, Windows Server 2019®, Windows Server 2016®, Red Hat Enterprise Linux 7.6®, Red Hat Enterprise Linux 7.5®, SUSE Linux Enterprise Server 15®, SUSE Linux Enterprise Server 12 SP4®, Ubuntu*	
	Compatible Product Series	2nd Generation Intel® Xeon® Scalable Processors	
	Board Form Factor	SSI EEB (12 x 13 in)	
	Chassis Form Factor	Rack or Pedestal	
	Socket	Socket P	
	Integrated Systems Available	No	
	Integrated BMC with IPMI ?	IPMI 2.0 & Redfish	
	Rack-Friendly Board	Yes	
	TDP ?	205 W	
	Included Items	(1) Intel® Server Board S2600STQR (2) SATA cables 880.00mm (1) IO shield (1) Protective insulator (1) Configuration label (sticker to be added to chassis)	
	Board Chipset	Intel® C628 Chipset	
	Target Market	Small and Medium Business	
Supplemental Information			
	Embedded Options Available ?	No	
	Datasheet	View now	
	Description	A standard form factor server board supporting two 2nd Generation Intel® Xeon® Scalable Processors, up to 205 W TDP, 16 DIMMs, and Dual 10GBase-T ports. Includes three Intel® QuickAssist Technology (Intel® QAT) engines.	
Memory Specifications			
	Max Memory Size (dependent on memory type) ?	2 TB	
	Memory Types ?	DDR4 ECC RDIMM/LRDIMM 2133/2400/2666/2933	
	Max # of Memory Channels ?	16	
	Max # of DIMMs ?	16	
	ECC Memory Supported [†] ?	Yes	
Processor Graphics			
	Integrated Graphics [†] ?	No	
	Graphics Output ?	VGA	
Expansion Options			
	PCI Express Revision ?	3.0	
	Max # of PCI Express Lanes ?	96	
	PCIe x8 Gen 3 ?	3	
	PCIe x16 Gen 3 ?	3	
	PCIe OCuLink Connectors (NVMe support) ?	2	
I/O Specifications			
	# of USB Ports	7	
	USB Revision ?	2.0 & 3.0	
	Total # of SATA Ports ?	12	
	RAID Configuration ?	SW RAID 0/1/10 (5 optional)	
	# of Serial Ports ?	1	
	# of LAN Ports ?	2	
	Integrated LAN ?	(Optional) two 10 Gb SFP+ connectors	
Package Specifications			
	Max CPU Configuration	2	
Advanced Technologies			
	Intel® Optane™ Memory Supported [†] ?	No	
	Intel® Virtualization Technology for Directed I/O (VT-d) [†] ?	Yes	
	Intel® Remote Management Module Support ?	Yes	
	Intel® Node Manager ?	Yes	
	TPM Version ?	2.0 (optional)	
Security & Reliability			
	Intel® AES New Instructions ?	Yes	
	Intel® Trusted Execution Technology [†] ?	Yes	

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Refer to Datasheet for formal definitions of product properties and features.

[‡] This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

[†]Announced* SKUs are not yet available. Please refer to the Launch Date for market availability.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.