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or Board S2600STOP

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ſ	Specifications	Ordering & Co	ompliance	Compatible Products	Download	ds Support	
	Essentials		Essentia	S		Download Specifications ↓	
	Supplemental Inform	mation	Product Co	llection		Intel® Server Board S2600ST	
	Memory Specification	ons	Code Name	•		Products formerly Sawtooth	
	Processor Graphics		Marketing 9	Status		Launched	
	Expansion Options		Launch Dat	e ③		Q2'19	
	I/O Specifications		Expected D	iscontinuance ③		2023	
	Package Specificatio	ons	Limited 3-y	ear Warranty		Yes	
	Advanced Technolog		Extended V (Select Cou	Varranty Available for Pur ntries)	chase	Yes	
	Security & Reliability	/	Additional I	Extended Warranty Detail	ls	Dual Processor Board Extended Warranty	
			# of QPI Lin	ıks ③		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 For	m Factor		Rack or Pedestal	
			Socket			Socket P	
			Integrated 9	Systems Available		No	
			Integrated I	BMC with IPMI ⑦		IPMI 2.0 & Redfish	
			Rack-Friend	dly Board		Yes	
			TDP ⑦			205 W	
			Included Ite	ems		(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 Chip	set		Intel® C628 Chipset	
			Target Mark	cet		Small and Medium Business	
	Sup		Supplem	nental Information			
			Embedded	Options Available ③		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) ③		emory	2 TB	
			Memory Ty	pes ③		DDR4 ECC RDIMM/LRDIMM 2133/2400/2666/2933	
			Max # of Memory Channels 🔞			16	
			Max # of DI	MMs ③		16	
			ECC Memor	y Supported ‡ 🍞		Yes	
			Processo	or Graphics			

PCle x8 Gen 3 ③ PCle x16 Gen 3 3

Integrated Graphics * ③

Expansion Options

PCI Express Revision 3

Max # of PCI Express Lanes 3

Graphics Output 3

PCIe OCuLink Connectors (NVMe support)

2

7

No

VGA

3.0

96

3

3

USB Revision ③ Total # of SATA Ports ③

I/O Specifications

of USB Ports

RAID Configuration 3 # of Serial Ports ③

of LAN Ports 3

Integrated LAN ③

Package Specifications Max CPU Configuration

12 SW RAID 0/1/10 (5 optional) 1

2

No

Yes

Yes

2.0 & 3.0

2 (Optional) two 10 Gb SFP+ connectors

Advanced Technologies

Intel® Optane™ Memory Supported † ③

Intel® Virtualization Technology for Directed I/O (VT-d) * ③ Intel® Remote Management Module Support 3

Intel® Node Manager ③ TPM Version 3

Intel® Trusted Execution Technology®

Security & Reliability

Intel® AES New Instructions 3

system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

Yes 2.0 (optional)

Yes

Yes

product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems. Intel classifications are for informational purposes only and consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use

made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company as an importer and/or exporter is responsible for determining the correct classification of your transaction. Refer to Datasheet for formal definitions of product properties and features.

"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.

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‡ 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

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