

Intel S5520SC motherboard Intel® 5520 LGA 1366 (Socket B) SSI EEB



Brand : Intel

Product code: S5520SC

Product name : S5520SC

Workstation Board S5520SC

Intel S5520SC. Processor manufacturer: Intel, Processor socket: LGA 1366 (Socket B), Intel Xeon series: E5500, E5600, L5500, L5600, W5500, X5500, X5600. Supported memory types: DDR3-SDRAM, Maximum internal memory: 192.38 GB, Supported memory clock speeds: 800,1066,1333 MHz. Supported storage drive interfaces: SATA, RAID levels: 0, 1. Ethernet interface type: Fast Ethernet, Gigabit Ethernet. Component for: Workstation, Motherboard form factor: SSI EEB, Motherboard chipset: Intel® 5520

Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x8 (Gen 1.x) slots	1
Processor socket *	LGA 1366 (Socket B)	PCI Express x16 slots	2
Intel Xeon series	E5500, E5600, L5500, L5600, W5500, X5500, X5600	PCI Express x16 (Gen 2.x) slots	2
Lithography	45 nm	PCI slots	1
Processor number of cores supported	2, 4, 6	Processor special features	
Supported QPI	4.8,5.86,6.4 GT/s	Trusted Platform Module (TPM)	✓
Processor thermal power (max)	130 W	Trusted Platform Module (TPM) version	1.2
Maximum number of PCI Express lanes	5	Intelligent Platform Management Interface (IPMI) support	✓
Maximum internal memory supported by processor	192 GB	Intel Server Management Software	✓
Memory bandwidth supported by processor (max)	64 GB/s	Intel Remote Management Module Support	AXXRMM3
ECC supported by processor	✓	Intel Intelligent Power Node Manager	✓
Product family	Legacy server/workstation board	Integrated BMC with IPMI	✓
Product series	Intel S5520SC	Integrated systems available	✓
Product codename	Shady Cove	Logistics data	
Memory		Harmonized System (HS) code	8473301180
Supported memory types *	DDR3-SDRAM	Weight & dimensions	
ECC	✓	Width	304.8 mm
Supported memory clock speeds	800,1066,1333 MHz	Depth	330.2 mm
Maximum internal memory *	192.38 GB	Other features	
Maximum RDIMM memory	192 GB	Maximum UDIMM memory	192 GB
Memory bandwidth (max)	64 GB/s	Number of DIMM slots	12
Storage controllers		Number of processors supported	2
Supported storage drive interfaces *	SATA	Embedded options available	✓
RAID levels	0, 1	CPU configuration (max)	2
Graphics		Intel Node Manager	✓
On-board graphics card	✓	Chassis type	Tower
Internal I/O		Thermal Design Power (TDP)	130 W
Number of SATA connectors	6	Commodity Classification Automated Tracking System (CCATS)	G135162
Total number of SATA connectors	6	Export Control Classification Number (ECCN)	5A992C
Rear panel I/O ports		Motherboard ARK ID	36600
Ethernet LAN (RJ-45) ports *	2	Technical details	
Firewire (IEEE 1394) ports	1	Launch date	Q1'09
Serial ports quantity	2	PCI Support	32 bit/ 33 MHz
		Product type	Server/Workstation Board
		Status	Discontinued
		USB ports quantity	10

Network		Technical details	
Ethernet LAN	✓	USB version	2.0
Ethernet interface type	Fast Ethernet, Gigabit Ethernet	Maximum memory	192.38 GB
Wi-Fi *	✗	Supported RAID configuration	Intel Emb RAID (0,1) with upgrd opt to RAID5
Features		Last change	63903513
Motherboard chipset *	Intel® 5520	Expected discontinuance date	Q2'13
Audio output channels *	7.1 channels	Form factor	SSI EEB (12" x 13")
Component for *	Workstation	Last order date	Monday, March 1, 2010
Motherboard form factor *	SSI EEB	End of life date announce	Friday, January 1, 2010
Market segment	Server	Additional information URL	http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s5520sc.html
Expansion slots		Last receipt attributes date	Thursday, April 15, 2010
PCI Express x4 slots	1		
PCI Express x4 (Gen 1.x) slots	1		



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