

## Intel DBS2600CP4 motherboard Intel® C602 LGA 2011 (Socket R) SSI EEB

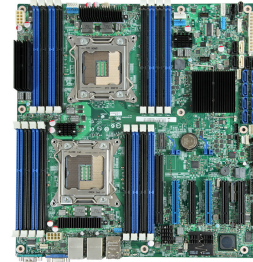
**Brand :** Intel

**Product code:** DBS2600CP4

**Product name :** DBS2600CP4

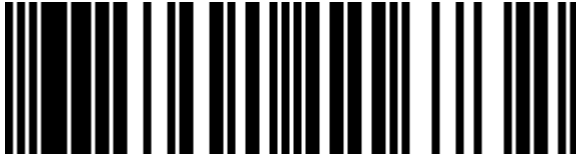
Server Board S2600CP4

Intel DBS2600CP4. Processor manufacturer: Intel, Processor socket: LGA 2011 (Socket R), Compatible processor series: Intel® Xeon® E5 Family. Supported memory types: DDR3-SDRAM, Maximum internal memory: 512 GB, Memory channels: Octa-channel. Supported storage drive interfaces: SATA, RAID levels: 0, 1, 5. Ethernet interface type: Fast Ethernet, Gigabit Ethernet. Component for: Server, Motherboard form factor: SSI EEB, Motherboard chipset: Intel® C602



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor socket *	LGA 2011 (Socket R)	Intel I/O Acceleration Technology	✓
Compatible processor series *	Intel® Xeon® E5 Family	Intel Flex Memory Access	✓
Intel Xeon series	E5-2600	Intel Client Initiated Remote Access (CIRA) technology	✗
Processor number of cores supported	2, 4, 6, 8	Intel® Active Management Technology (Intel® AMT)	✗
Number of QPI links	2	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor thermal power (max)	135 W	Intel AC'97 technology	✗
Maximum number of PCI Express lanes	48	Trusted Platform Module (TPM) version	1.2
Maximum internal memory supported by processor	512 GB	Intel® High Definition Audio (Intel® HD Audio)	✗
Memory bandwidth supported by processor (max)	119.5 GB/s	Intel Clear Video Technology	✗
ECC supported by processor	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Product family	Dual-socket server board	Intel Rapid Storage Technology enterprise	✓
Product series	Intel S2600CP	Intel® Remote Wake Technology (Intel® RWT)	✗
Product codename	Canoe Pass	Intel Advanced Management Technology	✓
Memory		Intel Server Management Software	✓
Supported memory types *	DDR3-SDRAM	Intel Remote Management Module Support	✓
Memory channels	Octa-channel	Intel Server Customization Technology	✓
ECC	✓	Intel Build Assurance Technology	✓
Supported memory clock speeds	1333,1600 MHz	Intel Quiet Thermal Technology	✓
Maximum internal memory *	512 GB	Intel Efficient Power Technology	✓
Maximum RDIMM memory	512 GB		
Memory bandwidth (max)	819 GB/s		
Storage controllers			
Supported storage drive interfaces *	SATA		
RAID levels	0, 1, 5		

<b>Graphics</b>		<b>Processor special features</b>	
On-board graphics card	✓	Intel Intelligent Power Node Manager	✓
<b>Internal I/O</b>		Integrated BMC with IPMI	✓
Number of SATA connectors	14	Integrated systems available	✓
Total number of SATA connectors	14	<b>Logistics data</b>	
Integrated SAS ports	8	Harmonized System (HS) code	8473301180
<b>Rear panel I/O ports</b>		<b>Other features</b>	
USB 2.0 ports quantity *	4	PCI Express x8 (Gen 3.x) slots	5
Ethernet LAN (RJ-45) ports *	4	Supported UDIMM clock speeds	1600 MHz
VGA (D-Sub) ports quantity *	1	Maximum UDIMM memory	512 GB
Serial ports quantity	2	Supported RDIMM clock speeds	1600 MHz
Number of SAS ports	8	Quick installation guide	✓
<b>Network</b>		Number of DIMM slots	16
Ethernet LAN	✓	Number of processors supported	2
Ethernet interface type	Fast Ethernet, Gigabit Ethernet	Supplemental SKU	✗
Wi-Fi *	✗	Embedded options available	✓
<b>Features</b>		CPU configuration (max)	2
Motherboard chipset *	Intel® C602	Discrete graphics card model	Supported
Component for *	Server	Graphics output	VGA
Motherboard form factor *	SSI EEB	Intel® vPro™ Platform Eligibility	✗
Physical Address Extension (PAE)	✓	PCI Express CEM revision	3.0
Physical Address Extension (PAE)	46 bit	Images Type Map	✗
Rack-Friendly board	✓	Intel Node Manager	✓
Embedded USB (eUSB) SSD option	✓	Packaging content	(1) Intel Server Board S2600CP4, (5) DVDs, (5) Quick Start Guides. Note: the OEM 10 Pack does not ship with included items.
Market segment	Server	Chassis type	Rack (4)
<b>Expansion slots</b>		Thermal Design Power (TDP)	135 W
PCI Express x8 slots	5	Commodity Classification	
PCI Express x16 slots	1	Automated Tracking System (CCATS)	G145323
PCI Express x16 (Gen 3.x) slots	1	Export Control Classification	5A992C
PCI Express slots version	3.0	Number (ECCN)	
<b>Processor special features</b>		Motherboard ARK ID	56334
Intel® Anti-Theft Technology (Intel® AT)	✗	<b>Technical details</b>	
Intel® Clear Video HD Technology (Intel® CVT HD)	✗	FireWire support	✓
Intel Dual Display Capable Technology	✗	Launch date	Q1'12
Intel Fast Memory Access	✓	Product type	Server/Workstation Board
Trusted Platform Module (TPM)	✓	Status	Discontinued
Intel Trusted Execution Technology	✓	USB ports quantity	5
Intel Remote PC Assist Technology (RPAT)	✗	USB version	2.0
Intel Rapid Storage Technology	✗	Maximum memory	512 GB
Intel Quiet System Technology (QST)	✗	Supported RAID configuration	Up to SW Raid 5 (LSI + RSTe)
Intel Quick Resume Technology	✗	Last change	63903513
		Form factor	SSI EEB 12" x 13"
		Sustainability certificates	RoHS, ENERGY STAR
		Last order date	Friday, June 30, 2017
		End of life date announce	Wednesday, December 21, 2016
		Additional information URL	<a href="http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600cp.html">http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600cp.html</a>
		Last receipt attributes date	Tuesday, October 31, 2017



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