

## Intel DBS2600CW2R motherboard Intel® C612 LGA 2011 (Socket R) SSI EEB

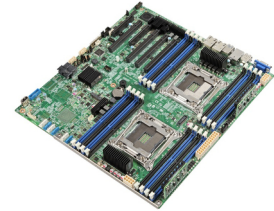
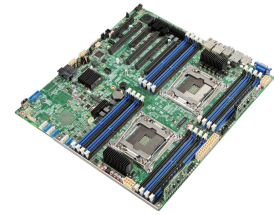
**Brand :** Intel

**Product code:** DBS2600CW2R

**Product name :** DBS2600CW2R

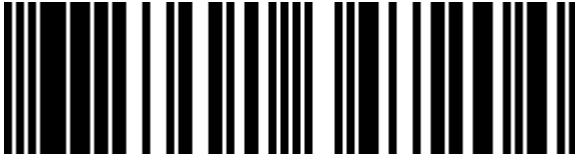
Intel Server Board S2600CW2R

Intel DBS2600CW2R. Processor manufacturer: Intel, Processor socket: LGA 2011 (Socket R), Intel Xeon series: E5-2600. Supported memory types: DDR4-SDRAM, LPDDR3-SDRAM, Maximum internal memory: 1.02 TB, Memory channels: Octa-channel. Supported storage drive interfaces: SATA, RAID levels: 0, 1, 10. On-board graphics card memory: 16 MB. Ethernet interface type: 10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet



Processor		Processor special features	
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor socket *	LGA 2011 (Socket R)	Intel Rapid Storage Technology	✗
Intel Xeon series	E5-2600	Intel Quiet System Technology (QST)	✗
Processor number of cores supported	2, 4, 6, 8	Intel Quick Resume Technology	✗
Number of QPI links	2	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor thermal power (max)	145 W	Intel I/O Acceleration Technology	✓
Maximum number of PCI Express lanes	84	Intel Flex Memory Access	✓
Maximum internal memory supported by processor	1.02 TB	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory bandwidth supported by processor (max)	136 GB/s	Trusted Platform Module (TPM) version	1.2
ECC supported by processor	✓	Intel® High Definition Audio (Intel® HD Audio)	✗
Product family	Dual-socket server board	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Product series	Intel S2600CW	Intel Rapid Storage Technology enterprise	✓
Product codename	Cottonwood Pass	Intel Advanced Management Technology	✓
Memory		Intel Server Management Software	✓
Supported memory types *	DDR4-SDRAM, LPDDR3-SDRAM	Intel Remote Management Module Support	✓
Memory channels	Octa-channel	Intel Server Customization Technology	✓
Memory voltage	1.2 V	Intel Build Assurance Technology	✓
ECC	✓	Intel Quiet Thermal Technology	✓
Supported memory clock speeds	1600,1866,2133 MHz	Intel Efficient Power Technology	✓
Maximum internal memory *	1.02 TB	Intel Intelligent Power Node Manager	✓
Maximum RDIMM memory	512 GB	Integrated BMC with IPMI	✓
Storage controllers		Integrated systems available	✗
Supported storage drive interfaces *	SATA	Logistics data	
RAID support	✓	Harmonized System (HS) code	8473301180
RAID levels	0, 1, 10	Other features	
Graphics		PCI Express x8 (Gen 3.x) slots	1
On-board graphics card	✓	Maximum UDIMM memory	512 GB
Discrete graphics support	✓	Supported LRDIMM clock speeds	1600,1866,2133 MHz
On-board graphics card memory	16 MB	Supported RDIMM clock speeds	1600,1866,2133 MHz
Internal I/O		Quick installation guide	✓
USB 2.0 connectors *	1		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
Number of SATA connectors	10		
Total number of SATA connectors	10		

Internal I/O		Other features	
Power fan connector	✓	Number of DIMM slots	16
Number of chassis fan connectors	7	Number of processors supported	2
TPM connector	✓	Embedded options available	✗
Serial port headers	1	CPU configuration (max)	2
Integrated SAS ports	10	Discrete graphics card model	Supported
<b>Rear panel I/O ports</b>		Graphics output	VGA
USB 2.0 ports quantity *	2	PCI Express CEM revision	3.0
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Images Type Map	✗
Ethernet LAN (RJ-45) ports *	2	Intel Node Manager	✓
VGA (D-Sub) ports quantity *	1	Packaging content	(1) Intel® Server Board S2600CW2R (1) I/O shield (2) SATA cables (1) Quick Start User's Guide (1) Attention document and configuration labels. Note: the OEM 10 Pack does not ship with included items.
Serial ports quantity	1		
<b>Network</b>		Chassis type	Rack or Pedestal
Ethernet LAN	✓	Thermal Design Power (TDP)	145 W
Ethernet interface type	10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet	Motherboard ARK ID	88278
Wi-Fi *	✗	<b>Technical details</b>	
<b>Features</b>		FireWire support	✗
Motherboard chipset *	Intel® C612	Launch date	Q1'16
Component for *	Server	Product type	Server/Workstation Board
Motherboard form factor *	SSI EEB	Status	Launched
Physical Address Extension (PAE)	✓	USB ports quantity	7
Physical Address Extension (PAE)	46 bit	USB version	2.0/3.2 Gen 1 (3.1 Gen 1)
Rack-Friendly board	✓	Supported RAID configuration	PCH SATA 6G ESRTZ RAID 0,1,10
Embedded USB (eUSB) SSD option	✓	Last change	63903513
Market segment	Server	Expected discontinuance date	Q3'20
<b>Expansion slots</b>		Form factor	SSI EEB 12" x 13"
PCI Express x4 (Gen 2.x) slots	1	Last order date	Sunday, July 5, 2020
PCI Express x16 (Gen 3.x) slots	4	End of life date announce	Friday, July 19, 2019
PCI Express slots version	3.0	Additional information URL	<a href="http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600cw.html">http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600cw.html</a>
<b>Processor special features</b>		Last receipt attributes date	Monday, October 5, 2020
Intel Fast Memory Access	✓		
Trusted Platform Module (TPM)	✓		



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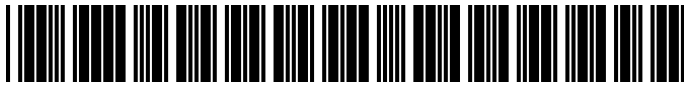
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