

## Intel DBS2600CWT motherboard Intel® C612 LGA 2011-v3 SSI EEB

**Brand :** Intel

**Product code:** DBS2600CWT

**Product name :** DBS2600CWT

Server Board S2600CWT

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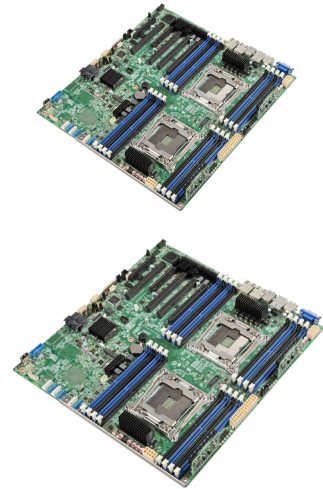
A general purpose server board supporting two Intel® Xeon® processor E5-2600 V3 family up to 145W, 16 DIMMs, and two 10-Gb ethernet ports

### Integrated Graphics

Integrated graphics allow for incredible visual quality, faster graphic performance and flexible display options without the need for a separate graphics card.

### Intel® Server Customization Technology

Intel® Server Customization technology enables Resellers and System Builders to offer end customers a customized branded experience, SKU configuration flexibility, flexible boot options, and maximum I/O options.



Processor		Processor special features	
Processor manufacturer *	Intel	Intel I/O Acceleration Technology	✓
Processor socket *	LGA 2011-v3	Intel Flex Memory Access	✓
Compatible processor series *	Intel® Xeon® E5 Family	Intel® AES New Instructions (Intel® AES-NI)	✓
Intel Xeon series	E5-2600	Trusted Platform Module (TPM) version	1.2
Processor number of cores supported	4, 6, 8, 10, 12, 14, 16, 18, 57	Intel® High Definition Audio (Intel® HD Audio)	✗
Supported QPI	8,9.6 GT/s	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of QPI links	2	Intel Rapid Storage Technology enterprise	✓
Processor thermal power (max)	145 W	Intelligent Platform Management Interface (IPMI) support	IPMI 2.0 with OEM extensions
Maximum number of PCI Express lanes	84	Intel Advanced Management Technology	✓
Maximum internal memory supported by processor	1.02 TB	Intel Server Management Software	✓
Memory bandwidth supported by processor (max)	136 GB/s	Intel Remote Management Module Support	✓
ECC supported by processor	✓	Intel Server Customization Technology	✓
Product family	Dual-socket server board	Intel Build Assurance Technology	✓
Product series	Intel® Server Board S2600CW Family	Intel Quiet Thermal Technology	✓
Product codename	Cottonwood Pass	Intel Efficient Power Technology	✓
		Intel Intelligent Power Node Manager	✓
		Integrated BMC with IPMI	✓
		Integrated systems available	✗
Memory		Logistics data	
Supported memory types *	DDR4-SDRAM	Harmonized System (HS) code	8473301180
Memory channels	Octa-channel	Weight & dimensions	
ECC	✓	Width	304.8 mm
Supported memory clock speeds	1600,1866,2133 MHz	Depth	330.2 mm
Maximum internal memory *	1 TB	Packaging content	
Maximum RDIMM memory	1.02 TB	Cables included	SATA
Memory bandwidth (max)	136 GB/s	User guide	✓
Storage controllers			
Supported storage drive interfaces *	SATA, SATA II, SATA III		
RAID support	✓		
RAID levels	1, 10		
Graphics			
On-board graphics card	✓		
Discrete graphics support	✓		

Internal I/O		Other features	
Number of SATA connectors	10	PCI Express x8 (Gen 3.x) slots	1
Total number of SATA connectors	10	Supported LRDIMM clock speeds	1600,1866,2133 MHz
<b>Rear panel I/O ports</b>		Maximum LRDIMM memory	1.02 TB
USB 2.0 ports quantity *	7	Supported RDIMM clock speeds	1600,1866,2133 MHz
Ethernet LAN (RJ-45) ports *	2	Number of DIMM slots	16
VGA (D-Sub) ports quantity *	1	Number of processors supported	2
Serial ports quantity	1	PCI Express slots quantity	84
<b>Network</b>		Embedded options available	✗
Ethernet LAN	✓	CPU configuration (max)	2
Ethernet interface type	10 Gigabit Ethernet	Discrete graphics card model	Supported
Wi-Fi *	✗	Graphics output	VGA
<b>Features</b>		PCI Express CEM revision	3.0
Motherboard chipset *	Intel® C612	Images Type Map	✗
Component for *	Server	Intel Node Manager	✓
Motherboard form factor *	SSI EEB	Packaging content	(1) Intel Server Board S2600CWT, I/O shield, 2 SATA cables, Quick Start User's Guide, Attention document, and configuration labels
Physical Address Extension (PAE)	✓	Chassis type	Tower
Physical Address Extension (PAE)	46 bit	Thermal Design Power (TDP)	145 W
Rack-Friendly board	✓	Commodity Classification	
Embedded USB (eUSB) SSD option	✓	Automated Tracking System (CCATS)	G145323
Market segment	Server	Export Control Classification Number (ECCN)	5A992C
<b>Expansion slots</b>		Motherboard ARK ID	83028
PCI Express x4 (Gen 2.x) slots	1	<b>Technical details</b>	
PCI Express x16 (Gen 3.x) slots	4	Born on date	Q1'15
PCI Express slots version	3.0	FireWire support	✗
<b>Processor special features</b>		Launch date	Q1'15
Intel Fast Memory Access	✓	Product name	Intel Server Board S2600CWT
Trusted Platform Module (TPM)	✓	Product type	Server/Workstation Board
Intel® Virtualization Technology (Intel® VT)	VT-d	Status	Discontinued
Intel Trusted Execution Technology	✗	USB ports quantity	7
Intel Rapid Storage Technology	✗	USB version	2.0/3.2 Gen 1 (3.1 Gen 1)
Intel Quiet System Technology (QST)	✗	Maximum memory	1.02 TB
Intel Quick Resume Technology	✗	Supported RAID configuration	PCH SATA 6G, ESRT2 RAID 0,1,10
Intel® Matrix Storage Technology (Intel® MST)	✗	Last change	63903513
		Expected discontinuance date	Q1'16
		Form factor	SSI EEB 12" x 13"
		Last order date	Friday, January 29, 2016
		End of life date announcement	Friday, November 13, 2015
		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>
		Last receipt attributes date	Friday, February 26, 2016



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