

Intel BBS2600TP motherboard Intel® C612 LGA 2011-v3



Brand : Intel

Product code: BBS2600TP

Product name : BBS2600TP

Server Board S2600TP

[Intel BBS2600TP motherboard Intel® C612 LGA 2011-v3:](#)

ECC Memory Supported

ECC Memory Supported indicates processor support for Error-Correcting Code memory. ECC memory is a type of system memory that can detect and correct common kinds of internal data corruption. Note that ECC memory support requires both processor and chipset support.


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® Virtualization Technology for Directed I/O (VT-d)

Intel® Virtualization Technology for Directed I/O (VT-d) continues from the existing support for IA-32 (VT-x) and Itanium® processor (VT-i) virtualization adding new support for I/O-device virtualization. Intel VT-d can help end users improve security and reliability of the systems and also improve performance of I/O devices in virtualized environments.

Processor		Processor special features	
Processor manufacturer *	Intel	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor socket *	LGA 2011-v3	Intel Rapid Storage Technology enterprise	✓
Compatible processor series *	Intel® Xeon® E5 Family	Intelligent Platform Management Interface (IPMI) support	IPMI 2.0
Intel Xeon series	E5-2600	Intel Advanced Management Technology	✓
Lithography	22 nm	Intel Server Management Software	✓
Processor number of cores supported	4, 6, 8, 10, 12, 14, 16, 18	Intel Remote Management Module Support	✓
Number of QPI links	2	Intel Server Customization Technology	✓
Processor thermal power (max)	160 W	Intel Build Assurance Technology	✓
Maximum number of PCI Express lanes	80	Intel Quiet Thermal Technology	✓
Maximum internal memory supported by processor	1.02 TB	Intel Efficient Power Technology	✓
Memory bandwidth supported by processor (max)	115 GB/s	Connector for Intel I/O Expansion Module x8 Gen 3	1
ECC supported by processor	✓	Intel Intelligent Power Node Manager	✓
Product family	Dual-socket server board	Integrated BMC with IPMI	✓
Product series	Intel HNS2600TP	Integrated systems available	✗
Product codename	Taylor Pass		
Memory		Logistics data	
Supported memory types *	DDR4-SDRAM	Harmonized System (HS) code	8473301180
Memory channels	Octa-channel		
ECC	✓	Weight & dimensions	
Supported memory clock speeds	1600,1866,2133 MHz	Width	172.7 mm
Maximum internal memory *	1 TB	Depth	480.1 mm
Maximum RDIMM memory	1.02 TB		
Memory bandwidth (max)	115 GB/s	Other features	
Storage controllers		Supported LRDIMM clock speeds	1600,1866,2133 MHz
Supported storage drive interfaces * SATA		Supported RDIMM clock speeds	1600,1866,2133 MHz
RAID support	✓	Number of DIMM slots	16
Graphics		Number of processors supported	2
On-board graphics card	✓	PCI Express slots quantity	2
Discrete graphics support	✓	Embedded options available	✗
		CPU configuration (max)	2
		Discrete graphics card model	Supported

Internal I/O		Other features	
Number of SATA connectors	5	Graphics output	VGA
Total number of SATA connectors	5	PCI Express CEM revision	3.0
Rear panel I/O ports		Images Type Map	
USB 2.0 ports quantity *	4	Intel Node Manager	✓
Ethernet LAN (RJ-45) ports *	2	Packaging content	Intel Server Board S2600TP
VGA (D-Sub) ports quantity *	1	Chassis type	Rack
Serial ports quantity	1	Thermal Design Power (TDP)	160 W
Network		Commodity Classification	
Ethernet LAN	✓	Automated Tracking System (CCATS)	G157815L2
Ethernet interface type	Gigabit Ethernet	Export Control Classification Number (ECCN)	5A992C
Wake-on-LAN ready	✓	Motherboard ARK ID	81879
Wi-Fi *	✗	Technical details	
Features		Born on date	Q4'14
Motherboard chipset *	Intel® C612	Launch date	Q4'14
Component for *	Server	Product name	Intel Server Board S2600TP
Physical Address Extension (PAE)	✓	Product type	Server/Workstation Board
Physical Address Extension (PAE)	46 bit	Status	Discontinued
Rack-Friendly board	✓	USB ports quantity	4
Market segment	Server	USB version	2.0
Expansion slots		Maximum memory	1.02 TB
PCI Express x16 (Gen 3.x) slots	2	Supported RAID configuration	Up to SW Raid 5 (LSI RSTe)
PCI Express slots version	3.0	Last change	63903513
Processor special features		Expected discontinuance date	Q4'17
Intel Fast Memory Access	✓	Form factor	Custom 6.8" x 18.9"
Intel® Virtualization Technology (Intel® VT)	VT-d	Last order date	Friday, January 29, 2016
Intel Trusted Execution Technology	✗	End of life date announce	Friday, November 13, 2015
Intel I/O Acceleration Technology	✓	Additional information URL	http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600tp.html
Intel Flex Memory Access	✓	Last receipt attributes date	Friday, February 26, 2016
Intel® AES New Instructions (Intel® AES-NI)	✓	Riser slot 1 number of lanes	16
		Riser slot 2 number of lanes	24
		Riser slot 3 number of lanes	24
		Riser slot 4 number of lanes	16



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