

# Intel BBS2600TPR motherboard LGA 2011-v3



**Brand :** Intel

**Product code:** BBS2600TPR

**Product name :** BBS2600TPR

Intel Server Board S2600TPR

[Intel BBS2600TPR motherboard 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)

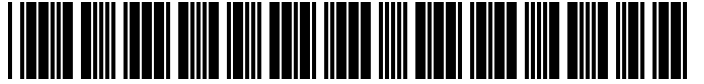
Intel® Virtualization Technology for Directed I/O (VT-d) continues from the existing support for IA-32 (VT-x) and Itanium® processor (VT-i) virtualization adding new support for I/O-device virtualization. Intel VT-d can help end users improve security and reliability of the systems and also improve performance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

Processor		Processor special features	
Processor manufacturer *	Intel	Intel I/O Acceleration Technology	✓
Processor socket *	LGA 2011-v3	Intel Flex Memory Access	✓
Intel Xeon series	E5-2600	Intel® AES New Instructions (Intel® AES-NI)	✓
Lithography	22 nm	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor number of cores supported	4, 6, 8, 10, 12, 14, 16	Intel Advanced Management Technology	✓
Number of QPI links	2	Intel Server Management Software	✓
Processor thermal power (max)	160 W	Intel Remote Management Module Support	✓
Maximum number of PCI Express lanes	80	Intel Server Customization Technology	✓
Maximum internal memory supported by processor	1.02 TB	Intel Build Assurance Technology	✓
Memory bandwidth supported by processor (max)	115 GB/s	Intel Quiet Thermal Technology	✓
ECC supported by processor	✓	Intel Efficient Power Technology	✓
Product family	Dual-socket server board	Connector for Intel I/O Expansion Module x8 Gen 3	1
Product series	Intel S2600TP	Intel Intelligent Power Node Manager	✓
Product codename	Taylor Pass	Integrated systems available	✗
Memory		Logistics data	
Supported memory types *	DDR4-SDRAM	Harmonized System (HS) code	8473301180
Memory channels	Octa-channel	Weight & dimensions	
ECC	✓	Width	172.7 mm
Supported memory clock speeds	1600,1866 MHz	Depth	408.1 mm
Maximum internal memory *	1.02 TB	Other features	
Memory bandwidth (max)	115 GB/s	Number of DIMM slots	16
Storage controllers		Number of processors supported	2
Supported storage drive interfaces * SATA		PCI Express slots quantity	2
RAID support	✓	Embedded options available	✗
Graphics		CPU configuration (max)	2
On-board graphics card	✓	Discrete graphics card model	Supported
Discrete graphics support	✓	Graphics output	VGA
Internal I/O		PCI Express CEM revision	3.0
Number of SATA connectors	5		
Total number of SATA connectors	5		

Rear panel I/O ports		Other features	
USB 2.0 ports quantity *	4	Images Type Map	
Ethernet LAN (RJ-45) ports *	2	Intel Node Manager	✓
VGA (D-Sub) ports quantity *	1	Packaging content	OEM 10 pack includes (10) Intel Server Board S2600TPR
Serial ports quantity	1	Chassis type	Rack
<b>Network</b>		Thermal Design Power (TDP)	160 W
Ethernet LAN	✓	Motherboard ARK ID	88295
Ethernet interface type	Gigabit Ethernet	<b>Technical details</b>	
Wake-on-LAN ready	✓	FireWire support	✗
Wi-Fi *	✗	Launch date	Q1'16
<b>Features</b>		Product type	Server/Workstation Board
Physical Address Extension (PAE)	✓	Status	Launched
Physical Address Extension (PAE)	46 bit	USB ports quantity	4
Rack-Friendly board	✓	USB version	2.0
Embedded USB (eUSB) SSD option	✗	Supported RAID configuration	Up to SW Raid 5 (LSI RSTe)
Market segment	Server	Last change	63903513
<b>Expansion slots</b>		Expected discontinuance date	Q3'20
PCI Express x16 (Gen 3.x) slots	2	Form factor	Custom 6.8" x 18.9"
PCI Express slots version	3.0	Last order date	Sunday, July 5, 2020
<b>Processor special features</b>		End of life date announce	Friday, July 19, 2019
Intel Fast Memory Access	✓	Additional information URL	<a href="http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600tp.html">http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600tp.html</a>
Intel Trusted Execution Technology	✗	Last receipt attributes date	Monday, October 5, 2020
		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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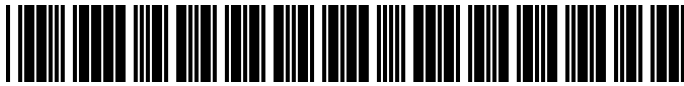
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