

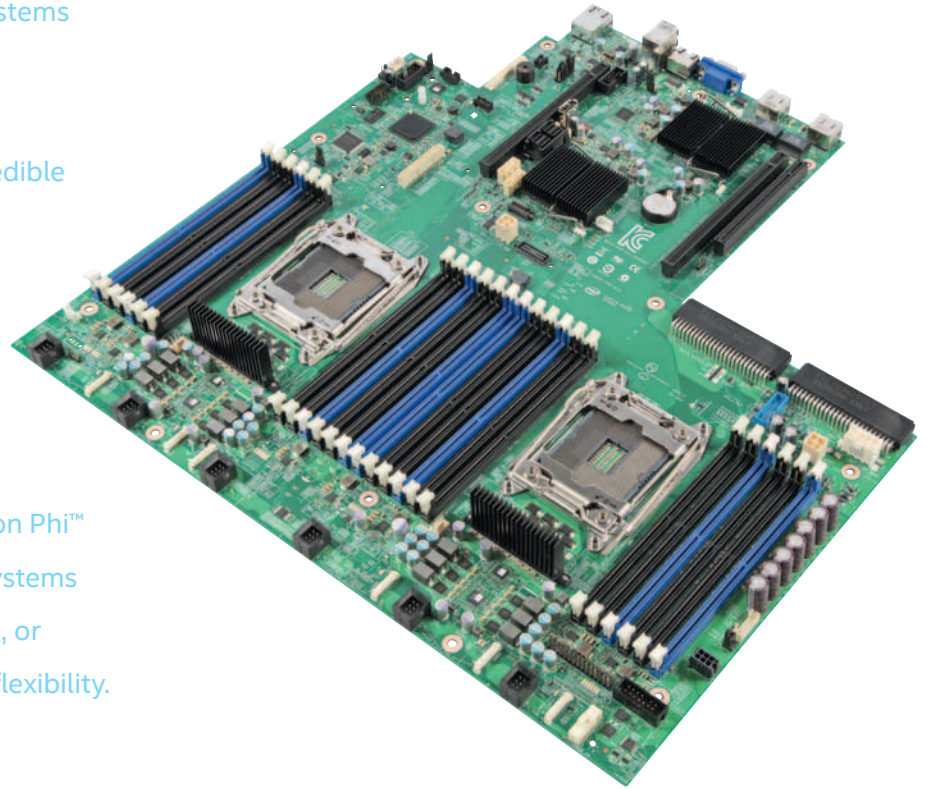
Intel® Server Board S2600WT Product Family

Full featured and robust memory, I/O and compute capacity in a power-efficient spread core design for intense datacenter applications



Expand your datacenter possibilities with systems built on the Intel® Server Board S2600WT, Intel's premier server board family featuring power-efficient spread core design plus incredible 24 DIMM DDR4 memory, I/O, and compute capacity needed for data analytics or enterprise applications.

Designed to support the performance and features of dual Intel® Xeon® processors E5-2600 v3, Intel® TXT Technology, Intel® Xeon Phi™ coprocessors and Intel® Solid State Drives, systems include preconfigured 1 and 2U rack models, or disaggregate chassis and boards for greater flexibility.



Target Applications

Enterprise and Medium Business IT, Data Analytics, Storage and Cloud

INTEL SERVER BOARD S2600WT PRODUCT FAMILY

FEATURES

Dual Intel® Xeon® processor E5-2600 v3 product family, 145W max TDP

Spread core design

24 DDR4 DIMM slots, up to 128 GB per DIMM, 3.0 TB total memory

NVDIMM support

Maximum I/O Capacity – All 80 PCIe* Gen3 lanes available

BENEFITS

Maximum computing capacity for highly demanding distributed processing and intensive application workloads

High energy, thermal, power efficiency

Maximum memory capacity

Flexibility with maximum I/O capacity

Technical Information

Description	Manage highly demanding application workloads with rack systems based on Intel's premier server board featuring power-efficient spread core design, incredible 24 DDR4 DIMMs, and support for dual Intel® Xeon® processors E5-2600 v3
Form Factor	Board: custom (16.7" x 17") 1U rack: (17.25" wide x 28" long x 1.72") 2U rack: (17.25" wide x 28" long x 3.44")
Server Board Supported Board included with System	S2600WT2: dual 1-Gb Ethernet ports based on Intel® Ethernet Controller I350 S2600WTT: dual 10-Gb Ethernet ports based on Intel® Ethernet Controller X-540
Processors Supported	Dual Intel® Xeon® processor E5-2600 v3 product family
Total Slots	3 riser slots + I/O Module + Storage Module
Slot Types	2 PCI Express* x24 riser Super Socket (supporting x8, x16, and PCI-X riser card slot options) 1 PCI Express Mixed x8 + x4 slot riser socket (supporting x4, and x8 riser card slot options) PCI Express x8 Intel® I/O Expansion Module, PCI Express x8 Storage Module
Memory Capacity	24 DIMM slots supporting ECC DDR4 RDIMM and LRDIMM with 1333MT/s, 1600MT/s, 1866MT/s, and 2133MT/s speeds 3072 GB max
Drive Options	1U rack: 8 x 2.5" (optional 4 x 2.5" NVMe drive support) or 4 x 3.5" hot-swap drives Optional 1 x 2.5" internal fixed drive in ODD bay with accessory 2U rack: 8/16/24 x 2.5", or 8/12 x 3.5" hot-swap drives (includes support for 2.5" SSDs), 2 x 2.5" internal fixed drives, and 2 x 2.5" rear access drives Optional 4 x 2.5" NVMe (PCIe SSDs) available with accessory
System Cooling	Redundant cooling fans
Power Supply Options	1100W AC Redundant PSU (Platinum Efficiency), 750W AC Redundant PSU (Platinum Efficiency), or 750W DC -48V Redundant PSU (Gold Efficiency)

Available SKUs

Intel® Server Boards S2600WT Family	Intel® Server Systems R1000WT Family	Intel® Server Systems R2000WT Family	Intel® Server Chassis R1000WT Family	Intel® Server Chassis R2000WT Family
S2600WT2	R1208WT2GS	R2208WT2YS	R1304WTXXX	R2312WTXXX
S2600WTT	R1208WTTGS	R2208WTTYC1	R1208WTXXX	R2000WTXXX
	R1304WT2GS	R2208WTTY5		
	R1304WTTGS	R2224WTTY5		
		R2308WTTY5		
		R2312WTTY5		

For more information on Intel server solutions visit: intelservedge.com
For more information on Intel server products visit: intel.com/intelserverboards
For product specifications visit: ark.intel.com

Product does not include memory, processors, or hard drives. For compatibility information please refer to the configuration guide at www.intel.com/support

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