

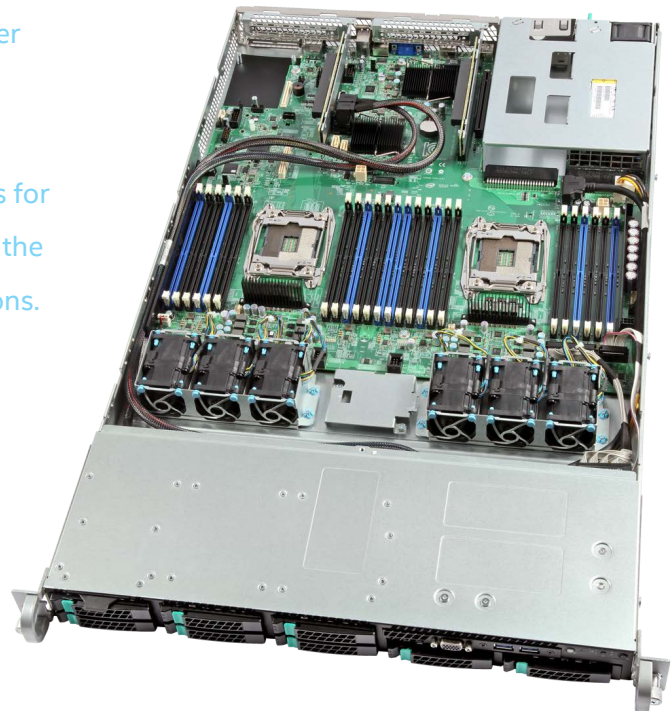
Intel® Server Product S2600WT Family

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



Expand your possibilities with 1U and 2U systems based on the Intel® Server Board S2600WT family, the premier server product family from Intel. This family features power-efficient spread-core design, massive 24 DIMM DDR4 memory—up to 3.0 TB, plus 80 PCIe Gen 3 lanes for the I/O and compute capacity needed to easily handle the intense needs of data analytics or enterprise applications.

Designed to support the performance and features of dual Intel® Xeon® processors E5-2600 v3, Intel® Xeon Phi™ coprocessors, Intel® TXT Technology, and Intel® Solid State Drives, systems are available pre-configured in 1U and 2U rack options, or choose chassis and boards separately for greater expansion and configuration flexibility.



Target Applications

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

INTEL SERVER PRODUCT S2600WT 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

All 80 PCIe* Gen3 lanes available

Storage I/O connector

BENEFITS

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

High energy, thermal, and power efficiency

Maximum memory capacity

Flexibility with maximum I/O capacity

Choose from a wide array of SAS 3 or SAS 2 Intel® Integrated RAID modules to configure flexible storage without using a standard PCIe* slot

Intel® Server System R1000WT and R2000WT Based on the Intel® Server Board S2600WT Family

Technical Information

| | |
|--|---|
| Description | Manage highly demanding application workloads with 1U and 2U rack systems based on the premier Intel® Server Board S2600WT family 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 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 |
| Processor Support, Max TDP | 2x Intel® Xeon® processor E5-2600 v3 product family NOTE: Max CPU TDP supports 145W with configuration limits, see Technical Product Specifications |
| 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 for an Intel® Integrated RAID 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 |

1U RACK SYSTEMS

| | |
|-------------------------------|---|
| Dimensions (H x W x D) | 1.72" x 17.25" x 28" |
| System Cooling | Redundant and hot-swap cooling fans |
| Power Supply | 750 W AC Redundant PSU (Platinum Efficiency) Optional 750 W DC -48 V Redundant PSU (Gold Efficiency) NOTE: Second Power Supply sold separately |
| Thermal Solution | Included |
| PCI Riser Slots | 2 PCI Express* 3.0 x16 (FHHL) 1 PCI Express 3.0 x8 via Intel® I/O Expansion Module 1 PCI Express 3.0 x8 via connector for integrated SAS module |
| Other Components | Intel® Server Management Software Integrated BMC with IPMI 2.0 Optional optical disk drive |
| Warranty | 3 year limited warranty, optional 2 year extended warranty available |



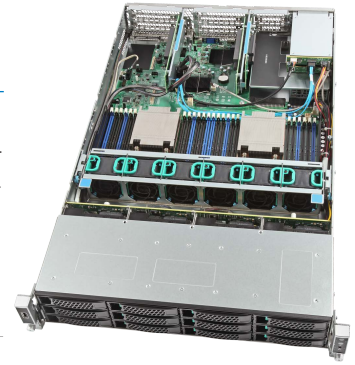
SPECIFIC SKUS

| | | | |
|-------------------|--|-------------------|--|
| R1208WT2GS | Intel® Server Board S2600WT2 8 x 2.5" hot-swap HDD, optional support for 1 x 2.5" fixed internal drive 750 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Controller I350 (1 GbE) | R1304WT2GS | Intel® Server Board S2600WT2 4 x 3.5" hot-swap HDD, optional support for 1 x 2.5" fixed internal drive 750 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Controller I350 (1 GbE) |
| R1208WTTGS | Intel® Server Board S2600WTT 8 x 2.5" hot-swap HDD, optional support for 1 x 2.5" fixed internal drive 750 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Controller X540 (10 GbE) | R1304WTTGS | Intel® Server Board S2600WTT 4 x 3.5" hot-swap HDD, optional support for 1 x 2.5" fixed internal drive 750 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Controller X540 (10 GbE) |

Intel® Server System R1000WT and R2000WT Based on the Intel® Server Board S2600WT Family

2U RACK SYSTEMS

| | |
|------------------------|--|
| Dimensions (H x W x D) | 3.44" x 17.25" x 28" |
| System Cooling | Redundant and hot-swap cooling fans |
| Power Supply | 750 W AC Redundant PSU (Platinum Efficiency) 750 W DC -48 V Redundant PSU (Gold Efficiency) 1100W AC Redundant PSU (Platinum Efficiency) NOTE: Second Power Supply sold separately |
| Thermal Solution | Included |
| PCI Riser Slots | 3 Riser Options: Total of up to 6 PCI Express* 3.0 x8 or 2 PCI Express 3.0 x16, 2 PCI Express 3.0 x8, 1 PCI Express 3.0 x8 via Intel® I/O Expansion Module, 1 x PCI Express 3.0 x8 via connector for SAS module Option 1) 3 x PCI Express 3.0 x8 (2 FHFL, 1 FHHL) Option 2) 1 x PCI Express 3.0 x16 FHFL, 1 x PCI Express 3.0 x8 FHHL Option 3) 2 PCI-X 133 MHz FHFL, 1 x PCI Express 3.0 x8 FHHL Additional: 1 x PCI Express 3.0 x8 LP, 1 x PCI Express 2.0 x4 LP via 3rd riser |
| Other Components | Intel® Server Management Software Integrated BMC with IPMI 2.0 Optional optical disk drive |
| Warranty | 3 year limited warranty, optional 2 year extended warranty available |



SPECIFIC SKUS

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|-------------|---|------------|---|
| R2208WT2YS | Intel® Server Board S2600WT2 8 x 2.5" hot-swap HDD, optional support for 2 x 2.5" SATA rear hot-swap drives, 2 x 2.5" fixed internal drives 1100 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Contoller I350 (1 GbE) 6 PCI Express 3.0 x8 (4 FHFL, 2 FHHL), 1 riser PCI Express 3.0 x8 LP, PCIe 2.0 x4 LP | R2308WTTYS | Intel® Server Board S2600WTT 8 x 3.5" hot-swap HDD, optional 2 x 2.5" SATA rear hot-swap drives, 2 x 2.5" fixed internal drives 1100 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Contoller X540 (10 GbE) 6 PCI Express 3.0 x8 (4 FHFL, 2 FHHL), 1 riser PCI Express 3.0 x8 LP, PCIe 2.0 x4 LP |
| R2208WTTYC1 | Intel® Server Board S2600WTT 8 x 2.5" hot-swap HDD, optional support for 2 x 2.5" SATA rear hot-swap drives, 2 x 2.5" fixed internal drives 2 x 1100 W AC redundant-capable PSU Integrated dual port Intel® Ethernet Contoller X540 (10 GbE) 2 PCI Express* 3.0 x 16, 2 PCI Express 3.0 x8, 1 PCI Express 3.0 x8 LP, PCIe 2.0 x4 LP | R2312WTTYS | Intel® Server Board S2600WTT 12 x 3.5" hot-swap HDD, optional 2 x 2.5" SATA rear hot-swap drives, 2 x 2.5" fixed internal drives 1100 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Contoller X540 (10 GbE) 6 PCI Express 3.0 x8 (4 FHFL, 2 FHHL) |
| R2208WTTYS | Intel® Server Board S2600WTT 8 x 2.5" hot-swap HDD, optional support for 2 x 2.5" SATA rear hot-swap drives, 2 x 2.5" fixed internal drives 1100 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Contoller X540 (10 GbE) 6 PCI Express 3.0 x8 (4 FHFL, 2 FHHL), 1 riser PCI Express 3.0 x8 LP, PCIe 2.0 x4 LP | | |
| R2224WTTYS | Intel® Server Board S2600WTT 24 x 2.5" hot-swap HDD, optional support for 2 x 2.5" SATA rear hot-swap drives, 2 x 2.5" fixed internal drives 1100 W AC redundant-capable PSU; second PSU sold separately Integrated dual port Intel® Ethernet Contoller X540 (10 GbE) 6 PCI Express 3.0 x8 (4 FHFL, 2 FHHL) | | |



For more information on Intel server solutions visit: intelserveredge.com

For more information on Intel® Server Products visit: intel.com/intelserverproducts

For more information on Intel® RAID visit: intel.com/go/raid

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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