Intel® Server Board S2600CWTR

Recommended Customer Price

Datasheet

Board Chipset

Description

Target Market

Integrated Graphics #

Graphics Output

Discrete Graphics

# of LICE Donte

Advanced Technologies

Expansion Options

Type Here to Search Products









Specifications Essentials Launched Status Q1'16 Launch Date Q4'19 Expected Discontinuance Yes Limited 3-year Warranty Extended Warranty Available for Purchase (Select Yes Countries) Dual Processor Board Extended Additional Extended Warranty Details Warranty # of QPI Links 2 Intel® Xeon® Processor E5-2600 Compatible Product Series v4 Family Board Form Factor SSI EEB 12" x 13" Chassis Form Factor Rack or Pedestal Socket Socket R3 Integrated Systems Available No Integrated BMC with IPML IPMI 2.0 with OEM extensions Rack-Friendly Board Yes Embedded Options Available No TDP 145 W (1) Intel® Server Board S2600CWTR; (1) I/O shield; (2) SATA cables; (1) Quick Start Included Items User's Guide Attention document and configuration labels. Note:

the OEM 10 Pack does not ship

Intel® C612 Chipset (Intel®

10-Gb ethernet ports

Embedded

Yes

VGA.

Supported

A general purpose server board supporting two Intel® Xeon®

processor E5-2600 V3/V4 family up to 145W, 16 DIMMs, and two

with included items.

DH82029 PCH)

N/A

Link

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PCN/MDDS Information 943805: PCN | MDDS

Additional Information URL	Link
Memory Specifications	
Max Memory Size (dependent on memory type)	1024 GB
Memory Types	DDR4 ECC RDIMM/LRDIMM 1600/1866/2133/2400
Max # of Memory Channels	8
Max Memory Bandwidth	136 GB/s
Physical Address Extensions	46-bit
Max # of DIMMs	16
ECC Memory Supported #	Yes
Graphics Specifications	

PCI Express Revision	3.0
Max # of PCI Express Lanes	84
PCIe x8 Gen 3	1
PCIe x16 Gen 3	4
PCIe x4 Gen 2.x	1
- I/O Specifications	
USB Revision	2.0 & 3.0

# of USB Ports	1
Total # of SATA Ports	10
RAID Configuration	PCH SATA 6G ESRT2 RAID 0,1,10
# of Serial Ports	1
# of LAN Ports	2
Integrated LAN	2x10GbE
Firewire	No
Embedded USB (eUSB) Solid State Drive Option	Yes
Integrated SAS Ports	0
Integrated InfiniBand*	No
Package Specifications	
Max CPU Configuration	2
Low Halogen Options Available	See MDDS

Intel® Virtualization Technology for Directed I/O (VT-d) ‡	Yes
Intel® Remote Management Module Support	Yes
Intel® Node Manager	Yes
Intel® Quick Resume Technology	No
Intel® Quiet System Technology	No
Intel® HD Audio Technology	No
Intel® Matrix Storage Technology	No
Intel® Rapid Storage Technology	No
Intel® Rapid Storage Technology enterprise	Yes
Intel® Fast Memory Access	Yes
Intel® Flex Memory Access	Yes
Intel® I/O Acceleration Technology	Yes
Intel® Advanced Management Technology	Yes
Intel® Server Customization Technology	Yes
Intel® Build Assurance Technology	Yes
Intel® Efficient Power Technology	Yes
Intel® Quiet Thermal Technology	Yes
Intel® Data Protection Technology	
Intel® AES New Instructions	Yes
Intel® Platform Protection Technology	
Trusted Execution Technology ‡	No

 Intel® Transparent Supply Chain. 1.2 TPM Version All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of

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Refer to Datasheet for formal definitions of product properties and features. "Announced" 5KUs are not yet available. Please refer to the Launch Date for market availability.

any item at the time of export.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2635QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

the products listed. Please contact system vendor for more information on specific products or systems.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications [motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and for operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

\*Conflict free" and "conflict-free" means "DRC conflict free", which is defined by the U.S. Securities and Exchange Commission rules to mean products that do not contain conflict minerals [tin, tantalum, tungsten] and/or gold) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or adjoining countries. Intel also uses the term "conflict-free" in a broader sense to refer to suppliers, supply chains, smelters and refiners whose sources of conflict minerals do not finance conflict in the DRC or adjoining countries. Intel processors manufactured before January 1, 2013 are not

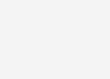
confirmed conflict free. The conflict free designation refers only to product manufactured after that date. For Intel Boxed Processors, the conflict free designation refers to the processor only, not to any additional included accessories, such as heatsinks/coolers. The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers, typically represent 1,000-unit purchase quantities, and are subject to change without

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Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet J5-709

requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

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