

Intel® Desktop Board DQ67SW

Additional Information

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Specifications

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Compatible Products

Processors

Specifications

Status	Launched
Launch Date	Q1'11
Board Form Factor	Micro ATX
Socket	LGA1155
Extended Life Program (XLP)	Yes
Embedded Options Available	No
Supplemental SKU	No
Max TDP	95 W
12V DC Input Capable	No
Back-to-BIOS Button	No
Max Memory Size (dependent on memory type)	32 GB
Memory Types	DDR3-1066/1333
# of Memory Channels	2
# of DIMMs	4
ECC Memory Supported	No
Integrated Graphics	Yes
Graphics Output	DisplayPort, DVI-D, DVI-I
Intel® Clear Video Technology	Yes
Dual Display Capabl	Yes
Discrete Graphics	PCIe 2.0 x16
Requires a Processor with Intel Graphics Technology	Yes
PCI Support	1
# of PCI Express Ports	3
PCIe x1 Gen 2.x	1
PCIe x4 Gen 2.x	1
PCIe x16 Gen 2.x	1
USB Revision	2.0
# of USB Ports	14
USB 2.0 Configuration (Back + Internal)	4+8
USB 3.0 Configuration (Back + Internal)	2+0
# of SATA Ports	2
# of SATA 6.0 Gb/s Ports	2
# of eSATA Ports	2
RAID Configuration	0,1,5,10
# of PATA Ports	0
# of Parallel Ports	0
Parallel Port via Internal Header	No
# of Serial Ports	0
Serial Port via Internal Header	Yes
Audio (back channel + front channel)	6+2
Integrated LAN	Intel GigLAN 10/100/1000
Firewire	1 1
Max CPU Configurator	1
Energy Star	Yes
Halogen Free Options Available	No
Intel® Virtualization Technology for Directed I/O (VT -d)	Yes
Intel® Trusted Execution Technology	Yes
AES New Instructions	Yes
Intel® vPro Technology	Yes
Intel® Active Management Technology	Yes
Intel® AMT Version	7.0
Intel® Anti-Theft Technology	No
TPM	Yes
Intel® TPM Version	1.2
Intel® Matrix Storage Technology	Yes
Intel® Fast Memory Access	Yes
Intel® Rapid Storage Technology	Yes

Ordering and Spec Information

Ordering and Spec Information

Boxed Intel® Desktop Board DQ67SW

Socket	Step	Step TDP	Ordering Code	Spec Code	Halogen Free	VT-x
		95 W	BOXDQ67SWB3		No	

Boxed Intel® Desktop Board DQ67SW, 10 Pack

Socket	Step	Step TDP	Ordering Code	Spec Code	Halogen Free	VT-x
		95 W	BLKDQ67SWB3		No	

Compatible Products

Processor:

[Find Compatible Processors >](#)

Disclaimer:

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Enabling Execute Disable Bit functionality requires a PC with a processor with Execute Disable Bit capability and a supported operating system. Check with your PC manufacturer on whether your system delivers Execute Disable Bit functionality.

64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Consult with your system vendor for more information.

Hyper-Threading Technology (HT Technology) requires a computer system with an Intel® processor supporting HT Technology and an HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software use. See www.intel.com/products/ht/hyperthreading_more.htm for more information including details on which processors support HT Technology.

Intel® Virtualization Technology requires a computer system with a processor, chipset, BIOS, virtual machine monitor (VMM) and host software, enabled for it. Functionality, performance or other benefit will vary depending on hardware and software configurations. Intel® Virtualization Technology enabled VMM applications are currently in development.

Note: Prices subject to change without notice. Prices are for direct Intel customers in 100-unit bulk quantities and, unless specified, represent the latest technology versions of the products. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply.

Intel processor numbers are not a measure of performance. See http://www.intel.com/products/processor_number for details.

System and Maximum TDP is based on worst case scenario. Actual TDP may be lower if not all I/Os for chipsets are used.

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's functionality, performance or compatibility with other products listed. Please contact system vendor for more information on specific products or systems.

Halogen Free implies the following:

Bromine and/or chlorine in materials that may be used during processing, but do not remain within the final product are not included in this definition.

The halogens fluorine (F), iodine (I), and astatine (At) are not restricted by this standard.

"BFR/CFR and PVC Free" Definition:

All PCB laminates must meet Br and Cl requirements for low halogen as defined in IEC60068-2-201B. For BFRs and other than PCB laminates, all homogeneous materials must contain < 900 ppm (0.09%) of Bromine [if the Bromine (Br) source is from BFRs] and < 900 ppm (0.09%) of Chlorine [if the Chlorine (Cl) source is from CFRs or PVC]. Higher concentrations of Br and Cl are allowed in homogeneous materials if components other than PCB laminates are used.

Although the elemental analysis for Br and Cl in homogeneous materials can be performed by any analytical method with sufficient sensitivity and selectivity, the presence or absence of BFRs, CFRs or PVC must be verified by any acceptable analytical techniques that allow the unequivocal identification of the specific Br or Cl compounds, or by appropriate material declarations agreed to between customer and supplier.

Max Turbo Frequency refers to the maximum singlecore frequency that can be achieved with Intel® Turbo Boost Technology, which requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. See www.intel.com/technology/turboboost for more information.