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Intel® Desktop Board DG41TY

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Specifications

- Essentials

Status	End of Interactive Support
Launch Date	Q4'08
Board Form Factor	microATX
Socket	LGA775
Recommended Customer Price	N/A
Datasheet	Link
Board Chipset	(Intel® 82G41 Graphics and Memory Controller Hub)

- Memory Specifications

Max Memory Size (dependent on memory type)	8 GB
Memory Types	DDR2 667/800
Max # of Memory Channels	2
Max # of DIMMs	2
ECC Memory Supported ‡	No

- Graphics Specifications

Integrated Graphics ‡	Yes
Graphics Output	DVI-D, VGA
# of Displays Supported ‡	2
Discrete Graphics	PCIe x16

- Expansion Options

PCI Support	2
PCIe x1 Gen 2.x	1
PCIe x4 Gen 2.x	0
PCIe x8 Gen 2.x	0
PCIe x16 Gen 2.x	1

- I/O Specifications

USB 2.0 Configuration (External + Internal)	4+4
Total # of SATA Ports	4
# of eSATA Ports	0
RAID Configuration	N/A
# of PATA Ports	1
# of Parallel Ports	1
# of Serial Ports	1
Audio (back channel + front channel)	6-ch
Integrated LAN	10/100/1000
Firewire	0+0

- Package Specifications

Max CPU Configuration	1
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PCN/MDDS Information

899816: [PCN](#)899817: [PCN](#)900247: [PCN](#)

Advanced Technologies

Intel® Virtualization Technology for Directed I/O (VT-d) [‡]	No
Intel® vPro Technology [‡]	No
Intel® ME Firmware Version	N/A
Intel® Remote Wake Technology	No
Intel® Remote PC Assist Technology	No
Intel® CIRA Technology	No
TPM	No
Intel® Quiet System Technology	No
Intel® HD Audio Technology	Yes
Intel® Matrix Storage Technology	No

Intel® Platform Protection Technology

Trusted Execution Technology [‡]	No
Anti-Theft Technology	No

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Refer to Datasheet for formal definitions of product properties and features.

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

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

[‡] 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/or 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.

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

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 JS-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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