



Intel® 82Q965 Graphics and Memory Controller

Add to Compare

Specifications

Essentials

Supplemental Information

Memory Specifications

Processor Graphics

Expansion Options

Package Specifications

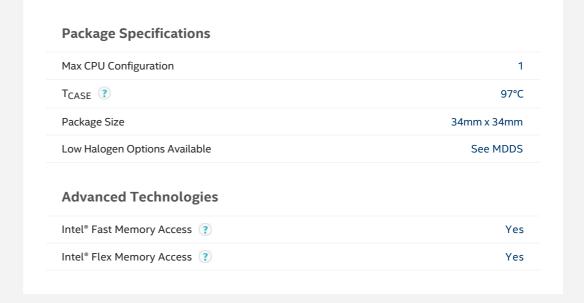
Advanced Technologies

Ordering and Compliance

Compatible Products

Downloads and Software

Essentials	Export specification
Product Collection	Intel® 960 Series Chipsets
Code Name	Products formerly Broadwater
Status	Launched
Launch Date ?	Q3'06
Supported FSBs ?	1066MHz
FSB Parity ?	No
TDP ?	28 W
Recommended Customer Price ?	
Use Conditions ?	PC/Client/Tablet
Supplemental Information	
Embedded Options Available 👔	Yes
Datasheet	View now
Memory Specifications Max Memory Size (dependent on memory type) ?	8 GB
Memory Types ?	DDR2 533/667/800
Max # of Memory Channels (?)	2
Max Memory Bandwidth ?	12.8 GB/s
Physical Address Extensions 🕧	36-bit
ECC Memory Supported ‡ 🔞	No
Processor Graphics	
Integrated Graphics ‡ 🔞	Yes
Graphics Output ?	SVDO, VGA
Intel® Clear Video Technology 🔞	No
# of Displays Supported [‡]	2
Macrovision* License Required	No
Expansion Options	
PCI Express Revision ?	1.1
PCI Express Configurations ‡ 💎	1x16



More support options for Intel® 82Q965 Graphics and Memory Controller





Downloads and Software



Support Community



Warranty and Replacement



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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.

‡ 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.

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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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