

Support Home > Product Specifications > Boards and Kits

Search specifications

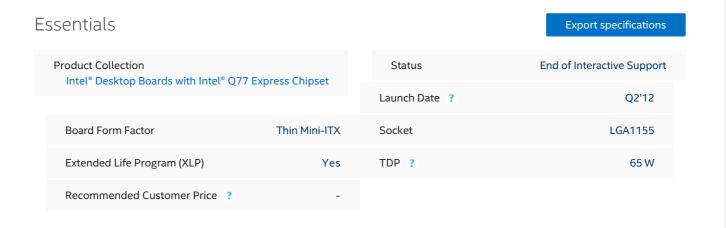




Intel® Desktop Board DQ77KB

Add to Compare

Specifications	Product Images	Ordering and Compliance



Supplemental Information

Description View now

Memory Specifications

Max Memory Size (dependent on memory type)	emory Size (dependent on memory type) ?		Dual DDR3 1333/1600
	10 GB	Max # of Memory Channels ?	2
Max # of DIMMs ?	2	ECC Memory Supported [‡] ?	No

Graphics Specifications

Integrated Graphics ‡ ?	Yes	Graphics Output ?	LVDS eDP HDMI DP
# of Displays Supported [‡]	2	Requires a Processor with In	tel Graphics Technology Yes

Expansion Options

PCle x4 Gen 3 ?	1	PCle x1 Gen 2.x ?	0
Downloaded from Arrow.com.	0	PCIe x8 Gen 2.x ?	0

PCle x16 Gen 2.x ?	0
PCle x4 Gen 1.x ?	0
PCle x16 Gen 1.x ?	0
PCIe Mini Card Slot (Full Length)	1

PCle x1 Gen 1.x ?	0
PCIe x8 Gen 1.x ?	0
PCIe Mini Card Slot (Half Length)	1

I/O Specifications

# of USB Ports	9
USB 3.0 Configuration (External + Internal)	4,0
Max # of SATA 6.0 Gb/s Ports	2
RAID Configuration ?	0,1,5,10
# of Parallel Ports ?	0
# of Serial Ports ?	1
Audio (back channel + front channel)	2,2
# of PS2 Ports	0

USB 2.0 Configuration (External + Inter	rnal) 0,5
Total # of SATA Ports ?	4
# of eSATA Ports	0
# of PATA Ports ?	0
Parallel Port via Internal Header	No
Serial Port via Internal Header	Yes
Integrated LAN ?	Dual 10/100/1000

Package Specifications

Low Halogen Options Available

See MDDS

Advanced Technologies

Intel® vPro Technology † ?	Yes
TPM ?	Yes

Intel® ME Firmware Version ?	8.0
Intel® Rapid Storage Technology ?	Yes

Intel® Platform Protection Technology

Anti-Theft Technology ? Yes

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

"Intel classifications" consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company may be the exporter of record, and as such, your company is responsible for determining the correct classification of any item at the time of export.

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

 $\hbox{``Announced'' SKUs are not yet available. Please refer to the Launch Date for market availability.}$

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.

reference the system specifications (mother board, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine and the system of the system ofmonitor-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.

The Recommended Customer -unit

purchase quantities, and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. If sold in bulk, price represents individual unit. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

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.

More support options for Intel® Desktop Board DQ77KB







Downloads and Software

Support Community

Warranty and Replacement



Need more help?

Contact support





Company Information Our Commitment Communities Investor Relations Contact Us

Newsroom Jobs











© Intel Corporation | Terms of Use | *Trademarks | Privacy | Cookies | Supply Chain Transparency | Site Map