

## Review Intel DQ67EP

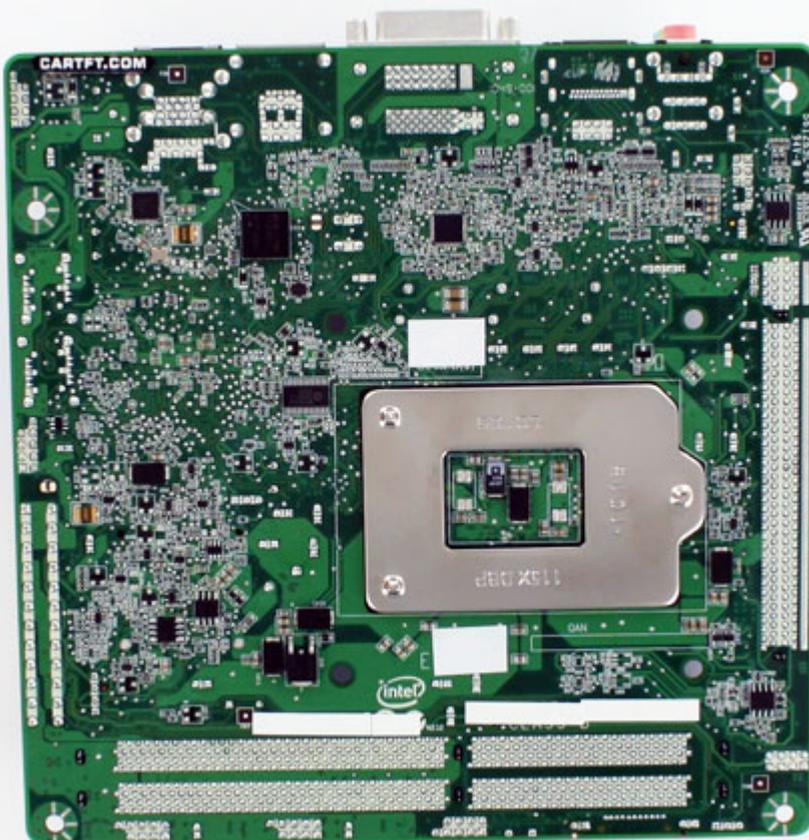
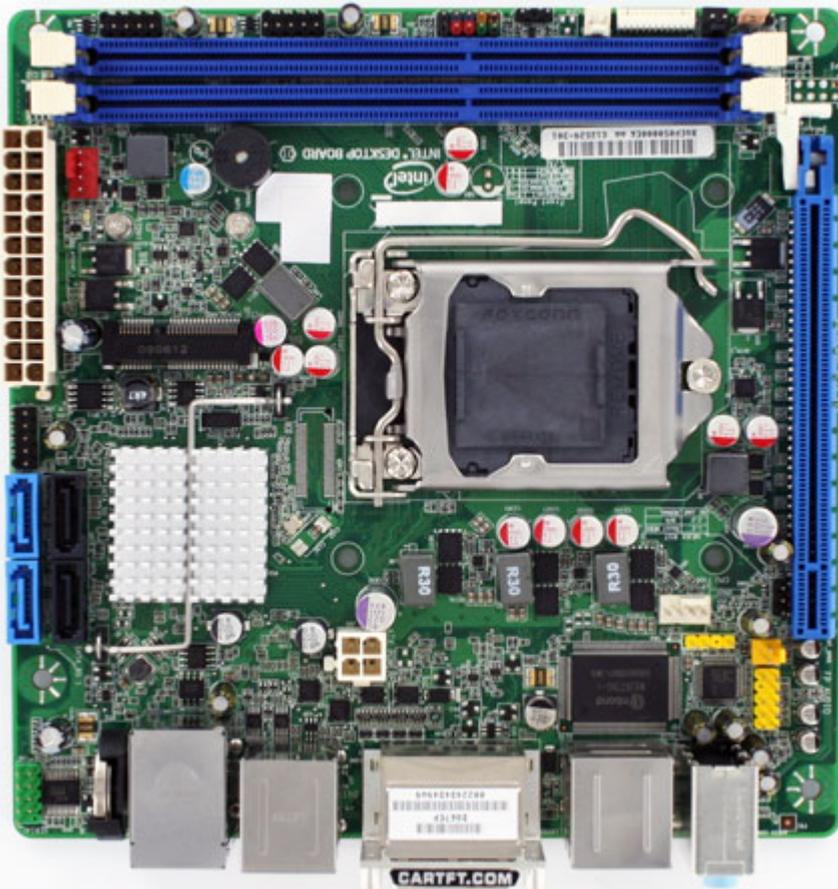
### Preamble

**If you think that nothing is going anymore, a motherboard from Intel comes through the door.**

The last few month, everyone thought that the latest boards from intel are the very best that could be build in this sector, it should be impossible to improve the miniITX Mainboards, but anyway, Intel also manages this time to improve once more.

If you believe what is written in the manual, the DQ67EP i a real blessing for Intel Fan´s. With the second generation of the Core-I vPro CPU in combination with the new "Active Management Technology", there are no limits in the diversity of applications. But now, Facts, Facts and more Facts. Let´s see how it done our tests.





## Spezifikation

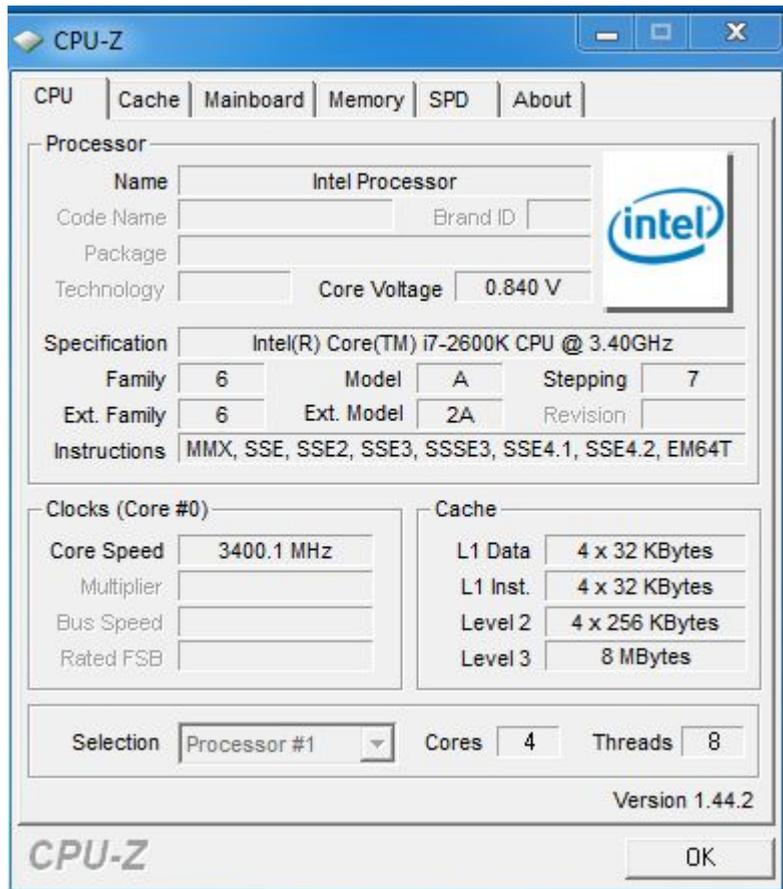
Modell	DQ67EP
Typ	MiniITX
CPU (Socket LGA1156)	Core I5 vPro Core I3 (I7)
Chipset	Q67 Express
Graphic	Intel HD Graphics
Audio	Intel High-Definition Audio, 8-Kanal-Audio-Subsystem
Memory	2 x DDR3 DIMM, 1066/1333 Mhz, bis zu 16GB
Power Supply	24 Pin ATX + 4 Pin
Ext. Connectors	1x DVI-I 1x DVI-D 1x Display Port 2x USB 3.0 4x USB 2.0 2x eSATA 1x Gb LAN 1x 8-Channel Audio
Int. Connectors	6x USB 2.0 2x SATA 6.0 Gb/s 2x SATA 3.0 Gb/s 1x PCIe 1x MiniPCIexpress
Dimensions	17cm x 17cm

## Installation, used Hardware and operating

We used following hardware, to test the Mainbaord:

- DQ67EP
- Intel Core I7 – 2600K
- 2 x 2GB DDR3 DIMM 1333Mhz
- Intel SSD 250 GB SATA
- Panasonic UJ-85J-B
- Pico 160
- 120 Watt AC Adapter

Core i7 – 2600K

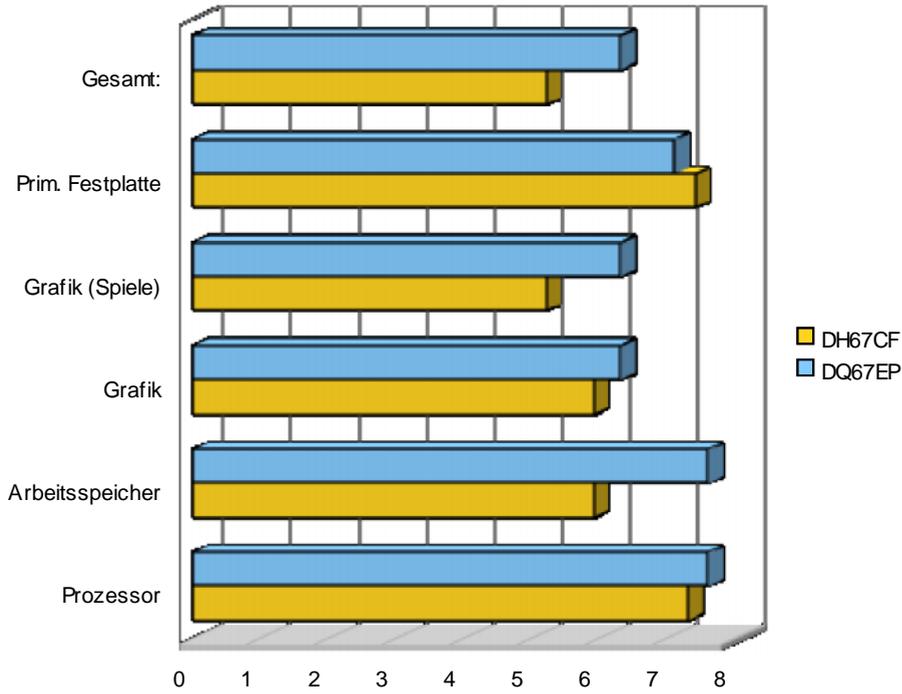


The screenshot shows the CPU-Z application window with the following details:

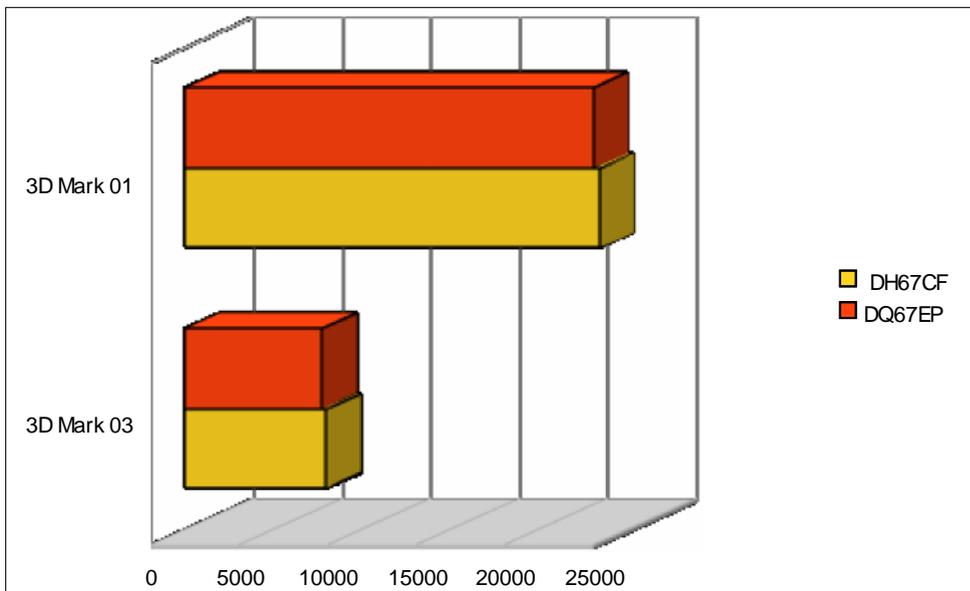
- Processor:** Intel Processor, Core Voltage: 0.840 V
- Specification:** Intel(R) Core(TM) i7-2600K CPU @ 3.40GHz
- Family:** 6, **Model:** A, **Stepping:** 7
- Ext. Family:** 6, **Ext. Model:** 2A, **Revision:** [empty]
- Instructions:** MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T
- Clocks (Core #0):** Core Speed: 3400.1 MHz
- Cache:** L1 Data: 4 x 32 KBytes, L1 Inst.: 4 x 32 KBytes, Level 2: 4 x 256 KBytes, Level 3: 8 MBytes
- Selection:** Processor #1, **Cores:** 4, **Threads:** 8
- Version:** 1.44.2

## Benchmarks

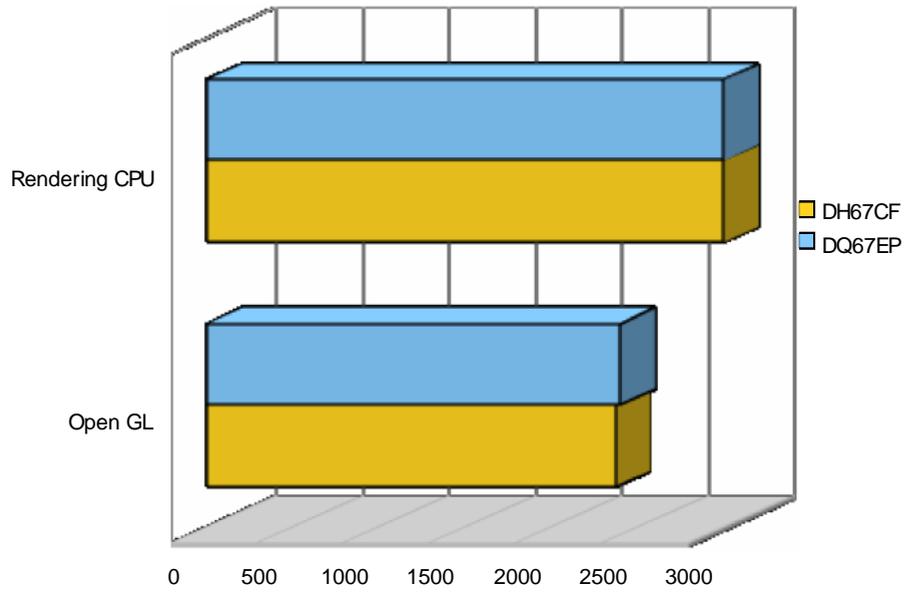
### Windows 7 Experience Index



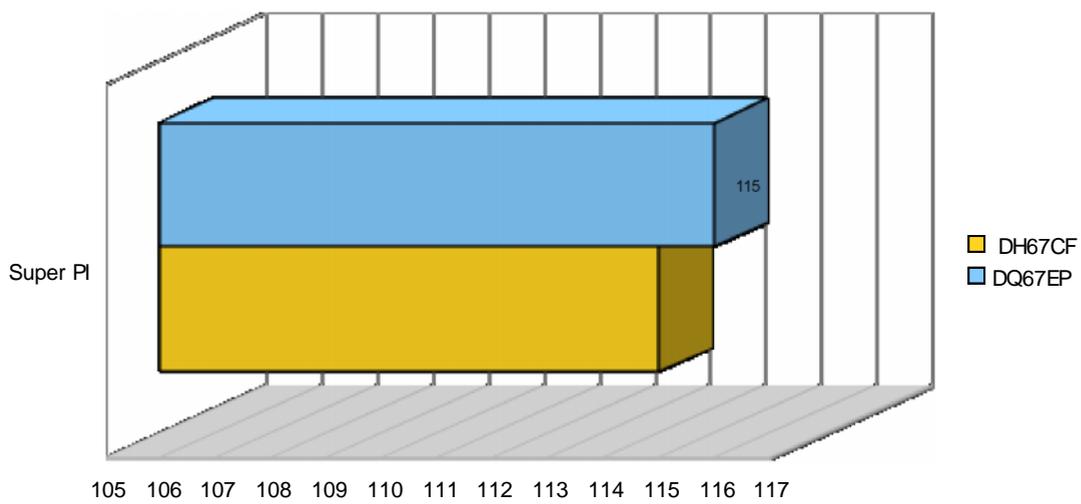
### 3D Mark Test



### Cinebench R10 Test



### Super PI 8M Test



## Power Consumption

<b>Boot</b>	<b>81W</b>
<b>Idle</b>	<b>21W</b>
<b>Last</b>	<b>108W</b>
<b>CD/DVD Load</b>	<b>26W</b>
<b>DVD</b>	<b>27W</b>

## Conclusion

The new DQ67EP impress, as the the previous Models (e. g. DH67CF), with it's good performance, that will Make fan's, with different requirements and operational areas, happy.

One of the best features of the new board is the new „Active Management Technology“, that allows users to get status informations and change configuration from distance. This new technologie will make things like remote control and support from distance much easier.

Something negative is the fact, that the Mainboard is not equipped with a normal VGA Connector, and also the power consumption could be a little bit lower.

As usual, Intel offers again solid perfomance with new features that make our life easier and more enjoyable.

[Intel DQ67EP is available at CarTFT.com](http://CarTFT.com)