



Intel Core i7 7820HQ @ 3891.42 MHz

Dump [k0z8ac] - Submitted by **StratosCZ** - 2017-07-15 11:20:26



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Processor (CPU)

CPU Name	Intel® Core™ i7-7820HQ CPU @ 2.90GHz
Threading	1 CPU - 4 Core - 8 Threads
Frequency	3891.42 MHz (39 * 99.78 MHz) - Uncore: 3592.1 MHz
Multiplier	Current: 39 / Min: 8 / Max: 39
Architecture	Kaby Lake / Stepping: B0 / Technology: 14 nm
CPUID / Ext.	6.E.9 / 6.9E
IA Extensions	MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T, VT-x, AES, AVX, AVX2, FMA3, TSX
Caches	L1D : 32 KB / L2 : 256 KB / L3 : 8192 KB
Caches Assoc.	L1D : 8-way / L2 : 4-way / L3 : 16-way
Microcode	Rev. 0x0000048
TDP / Vcore	45 Watts / 1.149 Volts
Temperature	77 °C / 171 °F
Type	Retail (Stock Frequency : 2900 MHz)

CPU-Z SCREENSHOT

CPU-Z - ID : k0z8ac

CPU

Caches

Mainboard

Memory

SPD

Graphics

Bench

About

Processor

Name

Intel Core i7 7820HQ

Code Name

Kaby Lake

Max TDP

45 W

Package

Socket 1440 FCBGA

Technology

14 nm

Core Voltage

1.149 V

Specification

Intel(R) Core(TM) i7-7820HQ CPU @ 2.90GHz

Family

6

Model

E

Stepping

9

Ext. Family

6

Ext. Model

9E

Revision

B0

Instructions

MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T
VT-x, AES, AVX, AVX2, FMA3, TSX

Clocks (Core #0)

Core Speed

3891.42 MHz

Multiplier

x 39.0 (8 - 39)

Bus Speed

99.78 MHz

Rated FSB

Cache

L1 Data

4 x 32 KBytes

8-way

L1 Inst.

4 x 32 KBytes

8-way

Level 2

4 x 256 KBytes

4-way

Level 3

8192 KBytes

16-way

Selection

Processor #1

Cores

4

Threads

8

CPU-Z

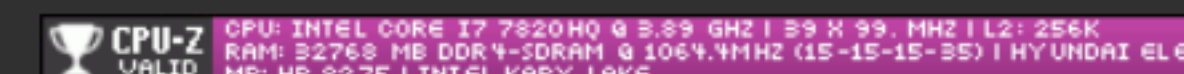
Ver. 1.80.0.x64

Tools

Validate

Close

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Got it!