

## mein\_system

### Prozessorinformationen

CPU Allgemeines	CPU Allgemeines
Prozessor	2nd Generation
Intel(r) Core(tm) i7-2600/2600K Stepping:D-2/Q-0 (Sockel-Typ LGA 1155)	
Taktfrequenz	3524.0 MHz
(aktuell: 3495.5 MHz)	
Technologie	64+32-Bit (Intel
EM64T), Multi-Core: ja, Hyperthreading: aktiv (4 Cores)	
Befehlssätze	MMX, SSE, SSE2,
SSE3, Supplemental SSE3, SSE4.1, SSE4.2, AVX	
Thermometer	ja - 38°C (62°C
unter Tjmax )	

### CPUID

CPUID Werte	CPUID
Familie/Modell/Stepping: 6h/Ah/7h, Extended F/M: 0h/2h)	0206A7h (Basis
CPUID Details	Effektive Familie/
Modell: 6h/2Ah, Output EAX (F1, Bit 31-0): 00000000 00000010 00000110	
10100111	
Hersteller	GenuineIntel
Prozessor-Name	Intel(R) Core(TM)
i7-2600K CPU @ 3.40GHz	
Brand-ID	keine
Seriennummer	
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	

### Prozessor-Details (SMBios)

(SMBios)	Prozessor-Details
Hersteller	Intel
Version	Intel(R) Core(TM)
i7-2600K CPU @ 3.40GHz	
Typ	CPU, 64 bit
Familie	Intel(R) Core(TM) 2
(Duo) processor	
Sockel-Typ	nicht-spezifiziert
Spannungen	1.0V
Serien-Nr.	
xxxxxxxxxxxxxxxxxxxxxxxx	
Teile-Nr.	
xxxxxxxxxxxxxxxxxxxxxxxx	
Takt akt./ext./max	3524/100/3800

### Cache

TLB	Cache
k.A. Pge	Instr.k.A. Data
Daten-Cache	32 KB
Befehls-Cache	32 KB
Trace-Cache	k.A.
L2-Cache	256KB im CPU-Geh

%use

L3-Cache

8192 KB

#### Prozessorfeatures

Intel 64Bit Extensions Techn. (EM64T)/AMD64

SSE - Streaming SIMD Extensions

SSE 2 - Streaming SIMD Extensions 2

SSE 3 - Streaming SIMD Extensions 3

Supplemental SSE3

SSE4.1

SSE4.2

SSE4A - Streaming SIMD Extensions 4A

XOP

Extended 3DNow! Support

3DNow! Support

AMD 3DNowPrefetch

IA MMX Support

FXSAVE, FXRSTOR/Ext.MMX(Cyrix)

Intel Turbo Boost Technologie

Serien-Nummer vorhanden+aktiv

IA-64 (Intel 64-Bit Architektur)

Virtualization Technology

SMX - Safer Mode Extensions

Cache Line Flush Instruction

Self Snoop

Debug Trace and EMON Store

ACPI - Thermal Monitor

Page Size Extensions

I/O Breakpoints

Time Stamp Counter

Page Global Feature Support

cpu-adequate MSR's

FCMOV-Befehl Support

Machine Check Architektur

CMOV-Befehl Support

MOVBE Befehl

SYSCALL u. SYSRET Befehl

Coprozessor in CPU eingebaut

Machine Check Exception

CMPXCHG8B Befehl

CMPXCHG16B Befehl

Advanced Interrupt Controller

Erweiterter V86-Mode möglich

Perfmon and Debug Capability

Memory Type Range Register

Hyper Threading Technology

Thermal Monitor thermal control circuit

Thermal Monitor 2 thermal control circuit

Enhanced SpeedStep Technology

IBS (Instruction Based Sampling)

#### Prozessorfeatures

ja

ja

ja

ja

ja

ja

ja

nein

nein

nein

nein

nein

ja

nein

ja

nein

nein

ja

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ja

ja

ja

nein

LAHF/SAHF support in 64-bit mode (AMD)	ja
Secure virtual machine feature (SVM)	nein
100MhzSteps	nein
Software Thermal Control	nein
Hardware Thermal Control	nein
THERMTRIP	nein
Voltage ID Control	nein
Frequency ID Control	nein
Temperatur Sensor	nein
Digitaler Temperatursensor	ja
Direct Cache Access	nein
Context ID (Li Cache mode)	nein
Execution Bit Disable Technology	ja
x2Apic (Extended Apic)	nein
Population Count (SSE4a)	ja
AES Encryption	ja
xsave/xstor Feature	ja
oxsave	ja
AVX (Advanced Vector Extensions)	ja
Hardware Coordination Feedback (IA32_MPERF, IA32_APERF)	nein
Lightweight profiling Support	nein
Topology Extensions	nein
Effective Frequency	ja
Core Performance Boost	nein
APIC Timer Always Running	nein
Power Limit Notification Controls	nein
Clock Modulation Duty Cycle Extension	nein
Package Thermal Management	nein
CPU Allgemeines	CPU Allgemeines
Prozessor	2nd Generation
Intel(r) Core(tm) i7-2600/2600K Stepping:D-2/Q-0 (Sockel-Typ LGA 1155)	
Taktfrequenz	3524.0 MHz
(aktuell: 3506.3 MHz)	
Technologie	64+32-Bit (Intel
EM64T), Multi-Core: ja, Hyperthreading: aktiv (4 Cores)	
Befehlssätze	MMX, SSE, SSE2,
SSE3, Supplemental SSE3, SSE4.1, SSE4.2, AVX	
Thermometer	ja - 33°C (67°C
unter Tjmax )	
CPUID	CPUID
CPUID Werte	0206A7h (Basis
Familie/Modell/Stepping: 6h/Ah/7h, Extended F/M: 0h/2h)	
CPUID Details	Effektive Familie/
Modell: 6h/2Ah, Output EAX (F1, Bit 31-0): 00000000 00000010 00000110	
10100111	
Hersteller	GenuineIntel
Prozessor-Name	Intel(R) Core(TM)
i7-2600K CPU @ 3.40GHz	

Brand-ID  
Seriennummer  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

keine

Prozessor-Details (SMBios)  
(SMBios)

Prozessor-Details

Hersteller  
Version  
i7-2600K CPU @ 3.40GHz  
Typ  
Familie  
(Duo) processor  
Sockel-Typ  
Spannungen  
Serien-Nr.  
xxxxxxxxxxxxxxxxxxxxxxxxxxxx  
Teile-Nr.  
xxxxxxxxxxxxxxxxxxxxxxxxxxxx  
Takt akt./ext./max

Intel  
Intel(R) Core(TM)  
CPU, 64 bit  
Intel(R) Core(TM) 2  
nicht-spezifiziert  
1.0V  
  
3524/100/3800

Cache  
TLB  
Pge  
Daten-Cache  
Befehls-Cache  
Trace-Cache  
L2-Cache  
%use  
L3-Cache

Cache  
Instr.4KB Data k.A.  
  
32 KB  
32 KB  
k.A.  
256KB im CPU-Geh  
  
8192 KB

Prozessorfeatures  
Intel 64Bit Extensions Techn. (EM64T)/AMD64  
SSE - Streaming SIMD Extensions  
SSE 2 - Streaming SIMD Extensions 2  
SSE 3 - Streaming SIMD Extensions 3  
Supplemental SSE3  
SSE4.1  
SSE4.2  
SSE4A - Streaming SIMD Extensions 4A  
XOP  
Extended 3DNow! Support  
3DNow! Support  
AMD 3DNowPrefetch  
IA MMX Support  
FXSAVE,FXRSTOR/Ext.MMX(Cyrix)  
Intel Turbo Boost Technologie  
Serien-Nummer vorhanden+aktiv  
IA-64 (Intel 64-Bit Architektur)  
Virtualization Technolgy  
SMX - Safer Mode Extensions

Prozessorfeatures  
ja  
ja  
ja  
ja  
ja  
ja  
ja  
nein  
nein  
nein  
nein  
ja  
nein  
ja  
nein  
ja  
nein

Cache Line Flush Instruction	ja
Self Snoop	ja
Debug Trace and EMON Store	nein
ACPI - Thermal Monitor	ja
Page Size Extensions	ja
I/O Breakpoints	ja
Time Stamp Counter	ja
Page Global Feature Support	ja
cpu-adequate MSR's	ja
FCMOV-Befehl Support	nein
Machine Check Architektur	ja
CMOV-Befehl Support	ja
MOVBE Befehl	nein
SYSCALL u. SYSRET Befehl	nein
Coprozessor in CPU eingebaut	ja
Machine Check Exception	ja
CMPXCHG8B Befehl	ja
CMPXCHG16B Befehl	ja
Advanced Interrupt Controller	ja
Erweiterter V86-Mode möglich	ja
Perfmon and Debug Capability	ja
Memory Type Range Register	ja
Hyper Threading Technology	ja
Thermal Monitor thermal control circuit	ja
Thermal Monitor 2 thermal control circuit	ja
Enhanced SpeedStep Technology	ja
IBS (Instruction Based Sampling)	nein
LAHF/SAHF support in 64-bit mode (AMD)	ja
Secure virtual machine feature (SVM)	nein
100MHzSteps	nein
Software Thermal Control	nein
Hardware Thermal Control	nein
THERMTRIP	nein
Voltage ID Control	nein
Frequency ID Control	nein
Temperatur Sensor	nein
Digitaler Temperatursensor	ja
Direct Cache Access	nein
Context ID (Li Cache mode)	nein
Execution Bit Disable Technology	ja
x2Apic (Extended Apic)	nein
Population Count (SSE4a)	ja
AES Encryption	ja
xsave/xstor Feature	ja
oxsave	ja
AVX (Advanced Vector Extensions)	ja
Hardware Coordination Feedback (IA32_MPERF, IA32_APERF)	nein
Lightweight profiling Support	nein
Topology Extensions	nein
Effective Frequency	ja

Core Performance Boost	nein
APIC Timer Always Running	nein
Power Limit Notification Controls	nein
Clock Modulation Duty Cycle Extension	nein
Package Thermal Management	nein
CPU Allgemeines	CPU Allgemeines
Prozessor	2nd Generation
Intel(r) Core(tm) i7-2600/2600K Stepping:D-2/Q-0 (Sockel-Typ LGA 1155)	
Taktfrequenz (aktuell: 3495.3 MHz)	3524.0 MHz
Technologie	64+32-Bit (Intel
EM64T), Multi-Core: ja, Hyperthreading: aktiv (4 Cores)	
Befehlssätze	MMX, SSE, SSE2,
SSE3, Supplemental SSE3, SSE4.1, SSE4.2, AVX	
Thermometer unter Tjmax )	ja - 35°C (65°C
CPUID	CPUID
CPUID Werte	0206A7h (Basis
Familie/Modell/Stepping: 6h/Ah/7h, Extended F/M: 0h/2h)	
CPUID Details	Effektive Familie/
Modell: 6h/2Ah, Output EAX (F1, Bit 31-0): <1	
Hersteller	GenuineIntel
Prozessor-Name	Intel(R) Core(TM)
i7-2600K CPU @ 3.40GHz	
Brand-ID	keine
Seriennummer	
xx	
Prozessor-Details (SMBios)	Prozessor-Details
(SMBios)	
Hersteller	Intel
Version	Intel(R) Core(TM)
i7-2600K CPU @ 3.40GHz	
Typ	CPU, 64 bit
Familie	Intel(R) Core(TM) 2
(Duo) processor	
Sockel-Typ	nicht-spezifiziert
Spannungen	1.0V
Serien-Nr.	
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
Teile-Nr.	
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
Takt akt./ext./max	3524/100/3800
Cache	Cache
TLB	Instr.4MB Data k.A.
Pge	
Daten-Cache	32 KB

Befehls-Cache	32 KB
Trace-Cache	k.A.
L2-Cache	256KB im CPU-Geh
%use	
L3-Cache	8192 KB

Prozessorfeatures	Prozessorfeatures
Intel 64Bit Extensions Techn. (EM64T)/AMD64	ja
SSE - Streaming SIMD Extensions	ja
SSE 2 - Streaming SIMD Extensions 2	ja
SSE 3 - Streaming SIMD Extensions 3	ja
Supplemental SSE3	ja
SSE4.1	ja
SSE4.2	ja
SSE4A - Streaming SIMD Extensions 4A	nein
XOP	nein
Extended 3DNow! Support	nein
3DNow! Support	nein
AMD 3DNowPrefetch	nein
IA MMX Support	ja
FXSAVE,FXRSTOR/Ext.MMX(Cyrix)	nein
Intel Turbo Boost Technologie	ja
Serien-Nummer vorhanden+aktiv	nein
IA-64 (Intel 64-Bit Architektur)	nein
Virtualization Technolgy	ja
SMX - Safer Mode Extensions	nein
Cache Line Flush Instruction	ja
Self Snoop	ja
Debug Trace and EMON Store	nein
ACPI - Thermaler Monitor	ja
Page Size Extensions	ja
I/O Breakpoints	ja
Time Stamp Counter	ja
Page Global Feature Support	ja
cpu-ad%quate MSR's	ja
FCMOV-Befehl Support	nein
Machine Check Architektur	ja
CMOV-Befehl Support	ja
MOVBE Befehl	nein
SYSCALL u. SYSRET Befehl	nein
Coprozessor in CPU eingebaut	ja
Machine Check Exception	ja
CMPXCHG8B Befehl	ja
CMPXCHG16B Befehl	ja
Advanced Interrupt Controller	ja
Erweiterter V86-Mode m`glich	ja
Perfmon and Debug Capability	ja
Memory Type Range Register	ja
Hyper Threading Technology	ja
Thermal Monitor thermal control circuit	ja

Thermal Monitor 2 thermal control circuit	ja
Enhanced SpeedStep Technology	ja
IBS (Instruction Based Sampling)	nein
LAHF/SAHF support in 64-bit mode (AMD)	ja
Secure virtual machine feature (SVM)	nein
100MhzSteps	nein
Software Thermal Control	nein
Hardware Thermal Control	nein
THERMTRIP	nein
Voltage ID Control	nein
Frequency ID Control	nein
Temperatur Sensor	nein
Digitaler Temperatursensor	ja
Direct Cache Access	nein
Context ID (Li Cache mode)	nein
Execution Bit Disable Technolgy	ja
x2Apic (Extended Apic)	nein
Population Count (SSE4a)	ja
AES Encryption	ja
xsave/xstor Feature	ja
oxsave	ja
AVX (Advanced Vector Extensions)	ja
Hardware Coordination Feedback (IA32_MPERF, IA32_APERF)	nein
Lightweight profiling Support	nein
Topology Extensions	nein
Effective Frequency	ja
Core Performance Boost	nein
APIC Timer Always Running	nein
Power Limit Notification Controls	nein
Clock Modulation Duty Cycle Extension	nein
Package Thermal Management	nein

CPU Allgemeines	CPU Allgemeines
Prozessor	2nd Generation
Intel(r) Core(tm) i7-2600/2600K Stepping:D-2/Q-0 (Socket-Typ LGA 1155)	
Taktfrequenz	3524.0 MHz
(aktuell: 3501.8 MHz)	
Technologie	64+32-Bit (Intel
EM64T), Multi-Core: ja, Hyperthreading: aktiv (4 Cores)	
Befehlssätze	MMX, SSE, SSE2,
SSE3, Supplemental SSE3, SSE4.1, SSE4.2, AVX	
Thermometer	ja - 40°C (60°C
unter Tjmax )	

CPUID	CPUID
CPUID Werte	0206A7h (Basis
Familie/Modell/Stepping: 6h/Ah/7h, Extended F/M: 0h/2h)	
CPUID Details	Effektive Familie/
Modell: 6h/2Ah, Output EAX (F1, Bit 31-0): >0	
Hersteller	GenuineIntel

Prozessor-Name	Intel(R) Core(TM)
i7-2600K CPU @ 3.40GHz	
Brand-ID	keine
Seriennummer	
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
Prozessor-Details (SMBios)	Prozessor-Details
(SMBios)	
Hersteller	Intel
Version	Intel(R) Core(TM)
i7-2600K CPU @ 3.40GHz	
Typ	CPU, 64 bit
Familie	Intel(R) Core(TM) 2
(Duo) processor	
Sockel-Typ	nicht-spezifiziert
Spannungen	1.0V
Serien-Nr.	
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
Teile-Nr.	
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
Takt akt./ext./max	3524/100/3800
Cache	Cache
TLB	Instr.k.A. Data 4KB
Pge	
Daten-Cache	32 KB
Befehls-Cache	32 KB
Trace-Cache	k.A.
L2-Cache	256KB im CPU-Geh
%use	
L3-Cache	8192 KB
Prozessorfeatures	Prozessorfeatures
Intel 64Bit Extensions Techn. (EM64T)/AMD64	ja
SSE - Streaming SIMD Extensions	ja
SSE 2 - Streaming SIMD Extensions 2	ja
SSE 3 - Streaming SIMD Extensions 3	ja
Supplemental SSE3	ja
SSE4.1	ja
SSE4.2	ja
SSE4A - Streaming SIMD Extensions 4A	nein
XOP	nein
Extended 3DNow! Support	nein
3DNow! Support	nein
AMD 3DNowPrefetch	nein
IA MMX Support	ja
FXSAVE,FXRSTOR/Ext.MMX(Cyrix)	nein
Intel Turbo Boost Technologie	ja
Serien-Nummer vorhanden+aktiv	nein
IA-64 (Intel 64-Bit Architektur)	nein

Virtualization Technology	ja
SMX - Safer Mode Extensions	nein
Cache Line Flush Instruction	ja
Self Snoop	ja
Debug Trace and EMON Store	nein
ACPI - Thermal Monitor	ja
Page Size Extensions	ja
I/O Breakpoints	ja
Time Stamp Counter	ja
Page Global Feature Support	ja
cpu-adequate MSR's	ja
FCMOV-Befehl Support	nein
Machine Check Architecture	ja
CMOV-Befehl Support	ja
MOVBE Befehl	nein
SYSCALL u. SYSRET Befehl	nein
Coprozessor in CPU eingebaut	ja
Machine Check Exception	ja
CMPXCHG8B Befehl	ja
CMPXCHG16B Befehl	ja
Advanced Interrupt Controller	ja
Erweiterter V86-Mode möglich	ja
Perfmon and Debug Capability	ja
Memory Type Range Register	ja
Hyper Threading Technology	ja
Thermal Monitor thermal control circuit	ja
Thermal Monitor 2 thermal control circuit	ja
Enhanced SpeedStep Technology	ja
IBS (Instruction Based Sampling)	nein
LAHF/SAHF support in 64-bit mode (AMD)	ja
Secure virtual machine feature (SVM)	nein
100MhzSteps	nein
Software Thermal Control	nein
Hardware Thermal Control	nein
THERMTRIP	nein
Voltage ID Control	nein
Frequency ID Control	nein
Temperatur Sensor	nein
Digitaler Temperatursensor	ja
Direct Cache Access	nein
Context ID (Li Cache mode)	nein
Execution Bit Disable Technology	ja
x2Apic (Extended Apic)	nein
Population Count (SSE4a)	ja
AES Encryption	ja
xsave/xstor Feature	ja
oxsave	ja
AVX (Advanced Vector Extensions)	ja
Hardware Coordination Feedback (IA32_MPERF, IA32_APERF)	nein
Lightweight profiling Support	nein

Topology Extensions	nein
Effective Frequency	ja
Core Performance Boost	nein
APIC Timer Always Running	nein
Power Limit Notification Controls	nein
Clock Modulation Duty Cycle Extension	nein
Package Thermal Management	nein