



Intel® Core™2 Duo Processor P8400

3M Cache, 2.26 GHz, 1066 MHz FSB

Specifications

Product Images

Ordering and Compliance

Retired and discontinued

Boxed Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8

Spec Code	SLB3R
Ordering Code	BX80577P8400
Step	M0
RCP	\$211.00

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCBGA8, Tray

Spec Code	SLB4M
Ordering Code	AV80577SH0513M
Step	M0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCBGA8, Tray

Spec Code	SL3BU
Ordering Code	AV80576SH0513M
Step	C0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCBGA8, Tray

Spec Code	SLGE2
Ordering Code	AV80577SH0513M
Step	R0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLB3R
Ordering Code	AW80577SH0513M
Step	M0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLB3Q
Ordering Code	AW80577SH0513MN
Step	M0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLB52
Ordering Code	AW80577SH0513MN
Step	M0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLG8Z
Ordering Code	AW80577SH0513M
Step	M0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLGCC
Ordering Code	AW80577SH0513M
Step	R0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLGCQ
Ordering Code	AW80577SH0513M
Step	R0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLGCF
Ordering Code	AW80577SH0513M
Step	R0

Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLGCL
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Ordering Code	AW80577SH0513M
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Step	R0
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Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB) uFCPGA8, Tray

Spec Code	SLGFC
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Ordering Code	AW80577SH0513M
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Step	R0
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Trade compliance information

ECCN	3A991.A.1
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CCATS	NA
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US HTS	8542310001
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PCN/MDDS Information

SLB3R

897611	PCN MDDS
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898503	PCN MDDS
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SLB4M

897696	PCN MDDS
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SL3BU

897766	PCN MDDS
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SLGE2

899792	PCN MDDS
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SLB3Q

897624	PCN MDDS
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SLB52

897659	MDDS
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SLG8Z

898998	MDDS
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SLGCC

899617	MDDS
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SLGCQ

899618

MDDS

SLGCF

899620

MDDS

SLGCL

899622

MDDS

SLGFC

899858

PCN | MDDS

Downloads and Software

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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.

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.

‡ 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.

See <http://www.intel.com/content/www/us/en/architecture-and-technology/hyper-threading/hyper-threading-technology.html?wapkw=hyper+threading> for more information including details on which processors support Intel® HT Technology.

Max Turbo Frequency refers to the maximum single-core processor frequency that can be achieved with Intel® Turbo Boost Technology. See www.intel.com/technology/turboboost/ for more information.

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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.

For benchmarking data see <http://www.intel.com/performance>.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See <http://www.intel.com/content/www/us/en/processors/processor-numbers.html> for details.

Processors that support 64-bit computing on Intel® architecture require an Intel 64 architecture-enabled BIOS.



Intel® Core™2 Duo Processor P8400

3M Cache, 2.26 GHz, 1066 MHz FSB

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Specifications

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Package Specifications

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Essentials

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Product Collection	Legacy Intel® Core™ Processors
Code Name	Products formerly Penryn
Vertical Segment	Mobile
Processor Number	P8400
Status	Discontinued
Launch Date ?	Q3'08
Lithography ?	45 nm
Recommended Customer Price ?	\$211.00
Use Conditions ?	PC/Client/Tablet

Performance

# of Cores ?	2
Processor Base Frequency ?	2.26 GHz
Cache ?	3 MB L2
Bus Speed ?	1066 MHz FSB
FSB Parity ?	No
TDP ?	25 W
VID Voltage Range ?	1.050V-1.150V

Supplemental Information

Embedded Options Available ?	Yes
Datasheet	View now

Package Specifications

Sockets Supported ?	BGA479, PGA478
T _{JUNCTION} ?	105°C
Package Size	35 mm x 35mm
Processing Die Size	107 mm ²
# of Processing Die Transistors	410 million
Low Halogen Options Available	See MDDS

Advanced Technologies

Intel® Turbo Boost Technology ¹ ?	No
Intel® Hyper-Threading Technology ¹ ?	No
Intel® Virtualization Technology (VT-x) ² ?	Yes
Intel® 64 ¹ ?	Yes
Instruction Set ?	64-bit
Idle States ?	Yes
Enhanced Intel SpeedStep® Technology ?	Yes
Intel® Demand Based Switching ?	No

Security & Reliability

Intel® Trusted Execution Technology ¹ ?	Yes
Execute Disable Bit ¹ ?	Yes

More support options for Intel® Core™2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB)

Product Support

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[CM8063401286102S R19S](#) [CM8062107185405S R0KM](#) [CM8066002032201S R2R6](#) [CM8063501288301S R1AN](#) [COMX-300-HSP](#) [RTM-](#)
[ATCA-7360](#) [96MPI7-3.4-8M11T](#) [96MPP-2.3-3M10T](#) [96MPI7-3.4-8M11T1](#) [96MPXE-2.0-15M20T](#) [96MPI5-3.0-6M10T](#) [96MPI5S-2.3-](#)
[6M11T1](#) [FJ8066401715827S R2KG](#) [AFPC205 S R1Z1](#) [DNCE2510 S LHCM](#) [FJ8066401715843S R2KH](#) [DNCE2530G S LHCY](#)
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[FJ8067702739633S R340](#) [CM8068403360212 SR3XB](#)