



Intel Atom® Processor E665CT

512K Cache, 1.3 GHz

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Product Collection	Legacy Intel Atom® Processors
Code Name	Products formerly Stellarton
Vertical Segment	Embedded
Processor Number	E665CT
Status	Discontinued
Launch Date [?]	Q4'10
Lithography [?]	45 nm

Performance Specifications

# of Cores [?]	1
# of Threads [?]	2
Processor Base Frequency [?]	1.30 GHz
Cache [?]	512 KB L2 Cache
Bus Speed [?]	2.5 GT/s
TDP [?]	7 W

Supplemental Information

Embedded Options Available [?]	No
Datasheet	View now

Memory Specifications

Max Memory Size (dependent on memory type) [?]	2.93 GB
Memory Types [?]	DDR2 800
Max # of Memory Channels [?]	1
ECC Memory Supported [?]	No

Processor Graphics

Graphics Base Frequency [?]	400 MHz
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Expansion Options

PCI Express Configurations [?]	x1, root complex only
Max # of PCI Express Lanes [?]	2

Package Specifications

Sockets Supported [?]	FCBGA1466
Package Size	37.5mm x 37.5mm

Advanced Technologies

Intel® Turbo Boost Technology [?]	No
Intel® Hyper-Threading Technology [?]	Yes
Intel® Virtualization Technology (VT-x) [?]	Yes
Instruction Set [?]	32-bit
Enhanced Intel SpeedStep® Technology [?]	Yes

More support options for Intel Atom® Processor E665CT (512K Cache, 1.3 GHz)

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

[†] 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, VM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Announced SKUs are not yet available. Please refer to the Launch Date for market availability.

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.

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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Retired and discontinued

Intel Atom® Processor E665CT (512K Cache, 1.3 GHz) FC-BGA8, Tray

Spec Code	SLH9H
Ordering Code	CY80632007224AA
Shipping Media	TRAY ?
Stepping	B0

Intel Atom® Processor E665CT (512K Cache, 1.3 GHz) FC-BGA8, Tray

Spec Code	SLJBW
Ordering Code	CY80632007224AA
Shipping Media	TRAY ?
Stepping	B1

Trade compliance information

ECCN	3A001.A.7.A
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US HTS	8542310001
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PCN/MDDS Information

SLJBW

916385	PCN
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SLH9H

908901	PCN MDDS
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