

Intel® Celeron® M Processor ULV 373 (512K Cache, 1.00 GHz, 400 MHz FSB)

Compare 

Specifications
Essentials
Performance
Memory Specifications
Package Specifications
Advanced Technologies
Intel® Platform Protection Technology

Compatible Products

Product Images

Ordering / sSpecs / Steppings

Specifications	
Essentials	
Status	Launched
Launch Date	Q2'04
Processor Number	373
L2 Cache	512 KB
FSB Speed	400 MHz
FSB Parity	No
Instruction Set	32-bit
Embedded Options Available	 Yes
Lithography	90 nm
VID Voltage Range	0.876V-0.956V
Recommended Customer Price	TRAY: \$74.00
Datasheet	Link
Performance	
# of Cores	1
Processor Base Frequency	1 GHz
TDP	5.5 W
Scenario Design Power (SDP)	0 W
Memory Specifications	
Physical Address Extensions	32-bit
ECC Memory Supported *	 No
Package Specifications	
T _{JUNCTION}	100°C
Package Size	35mm x 35mm
Processing Die Size	87 mm ²
# of Processing Die Transistors	144 million
Sockets Supported	H-PBGA479
Low Halogen Options Available	See MDDDS
Advanced Technologies	
Intel® Turbo Boost Technology *	No
Intel® Hyper-Threading Technology *	 No
Intel® Virtualization Technology (VT-x) *	No
Intel® 64 *	 No
Idle States	No
Enhanced Intel SpeedStep® Technology	 No
Intel® Demand Based Switching	 No
Intel® Platform Protection Technology	
Trusted Execution Technology *	 No
Execute Disable Bit *	 Yes

Related Products

Legacy Intel® Celeron® Processor

Intel® Celeron® M Processor 300 Series

Products formerly Dothan



Visit the Embedded Design Center >

Quick Links

[Export Full Specifications >](#)[Search Distributors >](#)[Support Overview >](#)[Search all of intel.com >](#)

PCN/MDDDS Information

SLJ8V

915862: PCN | MDDDS

SL89S

868299: PCN | MDDDS

SL8LW

871728: PCN | MDDDS

SL8A4

868320: PCN | MDDDS

SLJ96

915871: PCN | MDDDS

All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

"Intel classifications" consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company may be the exporter of record, and as such, your company is responsible for determining the correct classification of any item at the time of export.

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.

"Conflict free" and "conflict-free" means "DRC conflict free", which is defined by the U.S. Securities and Exchange Commission rules to mean products that do not contain conflict minerals (tin, tantalum, tungsten and/or gold) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or adjoining countries. Intel also uses the term "conflict-free" in a broader sense to refer to suppliers, supply chains, smelters and refiners whose sources of conflict minerals do not finance conflict in the DRC or adjoining countries. Intel processors manufactured before January 1, 2013 are not confirmed conflict free. The conflict free designation refers only to product manufactured after that date. For Intel Boxed Processors, the conflict free designation refers to the processor only, not to any additional included accessories, such as heatsinks/coolers.

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.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

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 J5-709 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.

[Send us your feedback!](#)

About

Support

Legal

Social

Company Information

Support Home

Terms of Use

 Intel Communities

Investor Relations

Download Center

*Trademarks

 Intel on Twitter

Contact Us

Product Specifications (ARK)

Privacy

 Intel on Facebook

Newsroom

Cookies

 Intel on LinkedIn

Site Map

 Intel on Instagram

Jobs

 Intel on YouTube