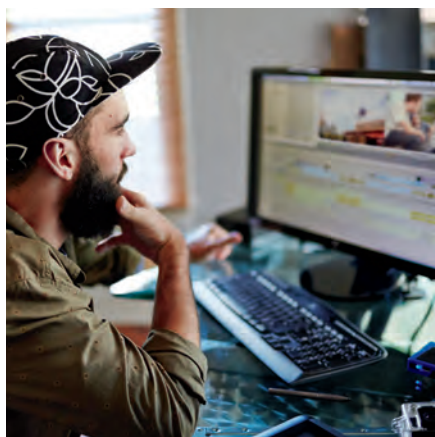




THE NEW INTEL® CELERON® PROCESSOR



DISCOVER DEVELOP DELIVER

The new Intel® Celeron® processor built around Intel's latest microarchitecture and manufactured on Intel's state-of-the-art 14nm process technology delivers Intel level performance that lets you enjoy entertainment and get your work done. Get performance and value you can count on with an Intel Celeron processor. When paired with the latest Intel® H110 Chipset, Intel Celeron processor-based PCs are an ideal choice for editing photos one minute and watching movies the next, and going from spreadsheets to gaming in a flash. That's serious processing. Only with Intel Inside®.



MAKES VIDEO CREATION AND CONVERSION FAST AND EASY

TECHNOLOGY

The new 14nm Intel Celeron processor brings support for the latest technologies such as DDR4 RAM memory that enables PCs to have a high memory data transfer speed at a lower power as compared to DDR3. Intel HD graphics 510 delivers some great graphics with support up to 4K resolution and 3 independent displays. Intel Quick Sync Video technology delivers amazing hardware acceleration that makes video conversion and creation fast and easy.

INTEL® CELERON® PROCESSOR FEATURES AT A GLANCE

FEATURES	BENEFITS
Dual-Core Processing	Runs two independent processor cores in one physical package at the same frequency.
Intel® Smart Cache	The shared cache is dynamically allocated to each processor core, based on workload. Efficient last-level cache data usage and instant communication between the core and memory.
Integrated Memory Controller	Offers great memory read/write performance through efficient prefetching algorithms, low latency, and high memory bandwidth.
Intel® HD Graphics 510	A great graphics experience with support up to 4K resolution and 3 independent displays. Outputs supported include eDP, DP, HDMI and DVI.
Intel® Quick Sync Video	Intel® Quick Sync Video makes fast work of creating, editing, syncing, and sharing your videos—at home and online. Intel® Quick Sync Video, built into Intel Celeron processors, delivers amazing hardware acceleration that lets you complete in minutes what used to take hours. Create DVDs or Blu-ray* discs, edit videos, convert video files for your portable media device, and convert videos for upload to your favorite social networking sites—all in a flash.
Intel® Designed Thermal Solution for Boxed	Includes a fan speed control to help minimize the acoustic noise levels generated from running the fan at high speeds for thermal performance ³ and power usage.

For more information on the new Intel® Celeron® processor, visit www.intel.com/products/desktop/processors

- 1 This feature may not be available on all processors or 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.
- 2 Intel® Virtualization Technology requires a computer system with a processor, chipset, BIOS, enabling software and/or operating system, device drivers, and applications designed for this feature. Performance will vary depending on your configuration. Contact your vendor for more information.
- 3 The acoustic benefits of the four-pin header are reliant on a properly designed motherboard. Contact your board manufacturer for compatibility.

Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. Check with your system manufacturer or retailer or learn more at intel.com.

INTEL® CELERON® G39XX

Socket	LGA 1151
Manufacturing Process	14nm
Processor Base Frequency	Up to 2.9 GHz on G39XX
Intel® Smart Cache Technology	2 MB L3 shared on G39XX
Integrated Memory Controller	Yes
Memory Speed	DDR4 1866/2133 MHz DDR3L 1333/1600 MHz
Processor Graphics	Intel HD Graphics 510
Intel® Quick Sync Video Technology	Yes
# of Display Supported ¹	3
PCI Express Revision	2.0
Recommended Intel® Chipset	Intel® H110 Chipset

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products.

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