



## HP Intel Celeron G530 processor 2.4 GHz 2 MB Smart Cache

**Brand :** HP

**Product code:** 657155-001

**Product name :** Intel Celeron G530

Intel Celeron G530, 2M Cache, 2.4 GHz, 5 GT/s DMI

[HP Intel Celeron G530 processor 2.4 GHz 2 MB Smart Cache:](#)

Options, accessories, services and support for all your HP and Compaq products.

HP Intel Celeron G530. Processor family: Intel® Celeron® G, Processor socket: LGA 1155 (Socket H2), Processor lithography: 32 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR3-SDRAM. On-board graphics card model: Intel® HD Graphics, On-board graphics card dynamic frequency (max): 1000 MHz. Market segment: Desktop, Supported instruction sets: SSE4.1, SSE4.2. Compatibility: Omni 120-1100EO

Processor		Features	
Processor model *	G530	PCI Express slots version	2.0
Processor base frequency *	2.4 GHz	Supported instruction sets	SSE4.1, SSE4.2
Processor family *	Intel® Celeron® G	CPU configuration (max)	1
Processor cores *	2	Embedded options available	✗
Processor socket *	LGA 1155 (Socket H2)	<b>Processor special features</b>	
Component for	PC	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor lithography *	32 nm	Intel® Turbo Boost Technology	✗
Processor series	Intel Celeron Processor G500 Series for Desktop	Intel® Quick Sync Video Technology	✗
Processor threads	2	Intel® InTru™ 3D Technology	✗
System bus rate	5 GT/s	Intel® Wireless Display (Intel® WiDi)	✗
Processor operating modes *	64-bit	Intel FDI Technology	✓
Processor cache	2 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor cache type	Smart Cache	Intel® Insider™	✗
Thermal Design Power (TDP)	65 W	Intel Fast Memory Access	✓
Stepping	Q0	Intel Flex Memory Access	✓
Bus type	DMI	Intel® AES New Instructions (Intel® AES-NI)	✗
Memory bandwidth supported by processor (max)	17 GB/s	Enhanced Intel SpeedStep Technology	✓
<b>Memory</b>		Intel Trusted Execution Technology	✗
Maximum internal memory supported by processor	32 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Memory types supported by processor	DDR3-SDRAM	Intel 64	✓
Memory clock speeds supported by processor	1066 MHz	Intel Virtualization Technology (VT-x)	✓
Memory channels *	Dual-channel	Intel Virtualization Technology for Directed I/O (VT-d)	✗
<b>Graphics</b>		Intel® vPro™ Platform Eligibility	✗
On-board graphics card *	✓	<b>Operational conditions</b>	
On-board graphics card model *	Intel® HD Graphics	Tcase	69.1 °C
On-board graphics card dynamic frequency (max)	1000 MHz	<b>Other features</b>	
Number of displays supported (on-board graphics)	2	Compatibility	Omni 120-1100EO
<b>Features</b>			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Desktop		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 26-JUL-2025. Prints or copies of Information are only valid on the printed Publication date