HP Intel Celeron G550 processor 2.6 GHz 2 MB Smart Cache

Brand : HP **Product code:** 657155-003

Product name : Intel Celeron G550

Intel Celeron G550, 2M Cache, 2.6 GHz, 5 GT/s DMI

HP Intel Celeron G550 processor 2.6 GHz 2 MB Smart Cache:

Options, accessories, services and support for all your HP and Compaq products.
HP Intel Celeron G550. 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 base frequency: 850 MHz, On-board graphics card dynamic frequency (max): 1000 MHz. Market segment: Desktop, Supported instruction sets: SSE4.1, SSE4.2

Processor	
Processor model *	G550
Processor base frequency *	2.6 GHz
Processor family *	Intel® Celeron® G
Processor cores *	2
Processor socket *	LGA 1155 (Socket H2)
Component for	PC
Processor lithography *	32 nm
Processor series	Intel Celeron Processor G500 Series for Desktop
Processor threads	2
System bus rate	5 GT/s
Processor operating modes *	64-bit
Processor cache	2 MB
Processor cache type	Smart Cache
Thermal Design Power (TDP)	65 W
Stepping	Q0
Bus type	DMI
Memory bandwidth supported by processor (max)	17 GB/s

Memory	
Maximum internal memory supported by processor	32 GB
Memory types supported by processor	DDR3-SDRAM
Memory clock speeds supported by processor	1066 MHz
Memory channels *	Dual-channel

Graphics	
On-board graphics card *	✔
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	850 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Number of displays supported (on-board graphics)	2

Features	
Execute Disable Bit	✔
Idle States	✔

Features	
Thermal Monitoring Technologies	✔
Market segment	Desktop
PCI Express slots version	2.0
Supported instruction sets	SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✘

Processor special features	
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Turbo Boost Technology	✘
Intel® Quick Sync Video Technology	✘
Intel® InTru™ 3D Technology	✘
Intel® Wireless Display (Intel® WiDi)	✘
Intel FDI Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel® Insider™	✘
Intel® AES New Instructions (Intel® AES-NI)	✘
Enhanced Intel SpeedStep Technology	✔
Intel Trusted Execution Technology	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Intel 64	✔
Intel Virtualization Technology (VT-x)	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel® vPro™ Platform Eligibility	✘

Operational conditions	
Tcase	69.1 °C

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