



HP Intel Celeron G550 processor 2.6 GHz 2 MB L3 Tray

Brand : HP

Product code: 691934-001

Product name : Intel Celeron G550

Intel® Celeron® Processor G550 (2M Cache, 2.60 GHz)

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Experience brilliant PC performance that lets you communicate with friends and family, enjoy entertainment, and get your work done. Get the Intel-level performance you've come to expect and quality you can count on with an Intel® Celeron® processor.

HP Intel Celeron G550. Processor family: Intel® Celeron®, 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. Intel® Virtualization Technology (Intel® VT): VT-x

Processor		Features	
Processor model *	G550	Thermal Monitoring Technologies	✓
Processor base frequency *	2.6 GHz	PCI Express slots version	2.0
Processor family *	Intel® Celeron®	Embedded options available	✗
Processor cores *	2	Processor special features	
Processor socket *	LGA 1155 (Socket H2)	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor lithography *	32 nm	Intel® Turbo Boost Technology	✗
Processor threads	2	Intel® Quick Sync Video Technology	✗
System bus rate	5 GT/s	Intel® InTru™ 3D Technology	✗
Processor operating modes *	64-bit	Intel® Wireless Display (Intel® WiDi)	✗
Processor cache	2 MB	Intel FDI Technology	✓
Processor cache type	L3	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Thermal Design Power (TDP)	65 W	Intel® Insider™	✗
Package type *	Tray	Intel Fast Memory Access	✓
Stepping	Q0	Intel Flex Memory Access	✓
Memory bandwidth supported by processor (max)	17 GB/s	Intel® Smart Cache	✓
Memory		Intel® AES New Instructions (Intel® AES-NI)	✗
Maximum internal memory supported by processor	32 GB	Enhanced Intel SpeedStep Technology	✓
Memory types supported by processor	DDR3-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speeds supported by processor	1066 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory channels *	Dual-channel	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel® vPro™ Platform Eligibility	✗
On-board graphics card *	✓	Operational conditions	
On-board graphics card model *	Intel® HD Graphics	Tcase	69.1 °C
On-board graphics card base frequency	850 MHz	Other features	
On-board graphics card dynamic frequency (max)	1000 MHz	Intel® Virtualization Technology (Intel® VT)	VT-x
Number of displays supported (on-board graphics)	2		
Features			
Execute Disable Bit	✓		
Idle States	✓		

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