



HP Intel Celeron G1610 processor 2.6 GHz 2 MB L3 Tray

Brand : HP

Product code: 715893-001

Product name : Intel Celeron G1610

Intel® Celeron® Processor G1610 (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 G1610. Processor family: Intel® Celeron® G, Processor socket: LGA 1155 (Socket H2), Processor lithography: 22 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: 650 MHz, On-board graphics card dynamic frequency (max): 1050 MHz. PCI Express configurations: 1x16, 2x8, 1x8+2x4, Supported instruction sets: SSE4.1, SSE4.2, Scalability: 1S. Intel® Virtualization Technology (Intel® VT): VT-x

Processor		Features	
Processor model *	G1610	PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor base frequency *	2.6 GHz	Supported instruction sets	SSE4.1, SSE4.2
Processor family *	Intel® Celeron® G	Scalability	1S
Processor cores *	2	Embedded options available	✗
Processor socket *	LGA 1155 (Socket H2)	Thermal solution specification	PCG 2011C
Processor lithography *	22 nm	Processor special features	
Processor threads	2	Intel® Anti-Theft Technology (Intel® AT)	✗
System bus rate	5 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor operating modes *	64-bit	Intel® My WiFi Technology (Intel® MWT)	✗
Processor cache	2 MB	Intel® Turbo Boost Technology	✗
Processor cache type	L3	Intel® Quick Sync Video Technology	✗
Thermal Design Power (TDP)	55 W	Intel® InTru™ 3D Technology	✗
Package type *	Tray	Intel® Wireless Display (Intel® WiDi)	✗
Stepping	P0	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Memory bandwidth supported by processor (max)	21 GB/s	Intel® Insider™	✗
Memory		Intel® Smart Cache	✓
Maximum internal memory supported by processor	32 GB	Intel® AES New Instructions (Intel® AES-NI)	✗
Memory types supported by processor	DDR3-SDRAM	Enhanced Intel SpeedStep Technology	✓
Memory clock speeds supported by processor	1333 MHz	Intel Trusted Execution Technology	✗
Memory channels *	Dual-channel	Intel VT-x with Extended Page Tables (EPT)	✓
ECC	✓	Intel® Secure Key	✗
Graphics		Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel® vPro™ Platform Eligibility	✗
On-board graphics card model *	Intel® HD Graphics	Other features	
On-board graphics card base frequency	650 MHz	Intel® Virtualization Technology (Intel® VT)	VT-x
On-board graphics card dynamic frequency (max)	1050 MHz		
Number of displays supported (on-board graphics)	3		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		

Features

PCI Express slots version	2.0
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