



HP Intel Pentium G620 processor 2.6 GHz 3 MB L3 Tray

Brand : HP

Product code: 655971-001

Product name : Intel Pentium G620

Intel® Pentium® Processor G620 (3M Cache, 2.60 GHz)

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Enjoy brilliant PC performance that lets you communicate with friends and family, enjoy entertainment, and get your work done. With the benefits of an impressive laptop and the convenience of a tablet, a 2 in 1 with an improved Intel® Pentium® processor covers your computing needs beautifully. Get the Intel-level performance you've come to expect and quality you can count on with an Intel Pentium processor.

HP Intel Pentium G620. Processor family: Intel Pentium 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): 1100 MHz. Supported instruction sets: SSE4.1, SSE4.2. Intel® Virtualization Technology (Intel® VT): VT-x

Processor		Features	
Processor model *	G620	Thermal Monitoring Technologies	✓
Processor base frequency *	2.6 GHz	PCI Express slots version	2.0
Processor family *	Intel Pentium G	Supported instruction sets	SSE4.1, SSE4.2
Processor cores *	2	Embedded options available	✗
Processor socket *	LGA 1155 (Socket H2)	Processor special features	
Processor lithography *	32 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor threads	2	Intel® Turbo Boost Technology	✗
System bus rate	5 GT/s	Intel® Quick Sync Video Technology	✗
Processor operating modes *	64-bit	Intel® InTru™ 3D Technology	✗
Processor cache	3 MB	Intel® Wireless Display (Intel® WiDi)	✗
Processor cache type	L3	Intel FDI Technology	✓
Thermal Design Power (TDP)	65 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Package type *	Tray	Intel® Insider™	✗
Stepping	Q0	Intel Fast Memory Access	✓
Memory bandwidth supported by processor (max)	17 GB/s	Intel Flex Memory Access	✓
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	1066 MHz	Intel Trusted Execution Technology	✗
Memory channels *	Dual-channel	Intel VT-x with Extended Page Tables (EPT)	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel® vPro™ Platform Eligibility	✗
On-board graphics card model *	Intel® HD Graphics	Operational conditions	
On-board graphics card base frequency	850 MHz	Tcase	69.1 °C
On-board graphics card dynamic frequency (max)	1100 MHz	Other features	
Number of displays supported (on-board graphics)	2	Intel® Virtualization Technology (Intel® VT)	VT-x
Features			
Execute Disable Bit	✓		
Idle States	✓		

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