



## HP Intel Pentium G2020 processor 2.9 GHz 3 MB L3 Tray

**Brand :** HP

**Product code:** 715897-001

**Product name :** Intel Pentium G2020

Intel Pentium Processor G2020 (3M Cache, 2.90 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.

Processor		Features	
Processor model *	G2020	PCI Express slots version	2.0
Processor base frequency *	2.9 GHz	PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor family *	Intel Pentium G	Supported instruction sets	SSE4.1, SSE4.2
Processor cores *	2	Embedded options available	✗
Processor socket *	LGA 1155 (Socket H2)	Thermal solution specification	PCG 2011C
Processor lithography *	22 nm	<b>Processor special features</b>	
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	3 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™	✗
<b>Memory</b>		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	✗
<b>Graphics</b>		Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel® vPro™ Platform Eligibility	✗
On-board graphics card model *	Intel® HD Graphics	<b>Other features</b>	
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		
<b>Features</b>			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		

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