



## HP Intel Pentium G3420 processor 3.2 GHz 3 MB L2

**Brand :** HP

**Product code:** 742565-001

**Product name :** Intel Pentium G3420

Intel Pentium G3420, 3.2 GHz, 3 MB Cache, 5 GT/s, 22 nm

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Processor		Features	
Processor model *	G3420	Thermal Monitoring Technologies	✓
Processor base frequency *	3.2 GHz	Market segment	Desktop
Processor family *	Intel Pentium G	PCI Express slots version	3.0
Processor cores *	2	PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor socket *	LGA 1150 (Socket H3)	<b>Processor special features</b>	
Component for	PC	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor lithography *	22 nm	Intel® Turbo Boost Technology	✗
Processor threads	2	Intel® Quick Sync Video Technology	✗
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor operating modes *	32-bit, 64-bit	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor cache	3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L2	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	53 W	Intel VT-x with Extended Page Tables (EPT)	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel TSX-NI	✗
Memory		Intel Stable Image Platform Program (SIPP)	✗
Maximum internal memory supported by processor	32 GB	Intel Virtualization Technology (VT-x)	✓
Memory types supported by processor	DDR3-SDRAM	Intel® vPro™ Platform Eligibility	✗
Memory clock speeds supported by processor	1333,1600 MHz	Operational conditions	
Memory channels *	Dual-channel	Tcase	72 °C
ECC	✓	Packaging data	
Graphics		Package width	37.5 mm
On-board graphics card *	✓	Package depth	37.5 mm
On-board graphics card model *	Intel® HD Graphics	Other features	
On-board graphics card base frequency	350 MHz	Intel® Virtualization Technology (Intel® VT)	VT-x
On-board graphics card dynamic frequency (max)	1150 MHz		
Number of displays supported (on-board graphics)	3		
Features			
Execute Disable Bit	✓		
Idle States	✓		

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