HP Intel Core i3-3240 processor 3.4 GHz 3 MB Smart Cache

Brand : HP **Product code:** 687864-002

Product name : Intel Core i3-3240

Intel Core i3-3240, 3M Cache, 3,4 GHz, 5 GT/s DMI

HP Intel Core i3-3240 processor 3.4 GHz 3 MB Smart Cache:

Options, accessories, services and support for all your HP and Compaq products.
HP Intel Core i3-3240. Processor family: Intel® Core™ i3, 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 2500, On-board graphics card base frequency: 650 MHz, On-board graphics card dynamic frequency (max): 1050 MHz. Market segment: Desktop, PCI Express configurations: 1x16, 1x8+2x4, 2x8, Supported instruction sets: AVX, SSE4.1, SSE4.2

Processor	
Processor generation	3rd gen Intel® Core™ i3
Processor model *	i3-3240
Processor base frequency *	3.4 GHz
Processor family *	Intel® Core™ i3
Processor cores *	2
Processor socket *	LGA 1155 (Socket H2)
Component for	PC
Processor lithography *	22 nm
Processor threads	4
System bus rate	5 GT/s
Processor operating modes *	64-bit
Processor cache	3 MB
Processor cache type	Smart Cache
Thermal Design Power (TDP)	55 W
Cooler included *	✗
Stepping	L1
Bus type	DMI
Memory bandwidth supported by processor (max)	25.6 GB/s

Memory	
Maximum internal memory supported by processor	32 GB
Memory types supported by processor	DDR3-SDRAM
Memory clock speeds supported by processor	1333,1600 MHz
Memory channels *	Dual-channel
ECC	✗

Graphics	
On-board graphics card *	✓
On-board graphics card model *	Intel® HD Graphics 2500
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Number of displays supported (on-board graphics)	3

Features	
Execute Disable Bit	✓
Idle States	✓

Features	
PCI Express configurations	1x16, 1x8+2x4, 2x8
Supported instruction sets	AVX, SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✗
Thermal solution specification	PCG 2011C

Processor special features	
Intel® Anti-Theft Technology (Intel® AT)	✓
Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Intel® Identity Protection Technology (Intel® IPT)	✓
Intel® My WiFi Technology (Intel® MWT)	✓
Intel® Turbo Boost Technology	✗
Intel® Quick Sync Video Technology	✓
Intel® InTru™ 3D Technology	✓
Intel® Wireless Display (Intel® WiDi)	✓
Intel FDI Technology	✓
Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Intel® Insider™	✓
Intel® AES New Instructions (Intel® AES-NI)	✓
Enhanced Intel SpeedStep Technology	✓
Intel Trusted Execution Technology	✗
Intel VT-x with Extended Page Tables (EPT)	✓
Intel® Secure Key	✗
Intel 64	✓
Intel Virtualization Technology (VT-x)	✓
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Conflict-Free processor	✓
Intel® vPro™ Platform Eligibility	✗

Operational conditions	
Tcase	65.3 °C

Features	
Thermal Monitoring Technologies	✔
Market segment	Desktop
PCI Express slots version	2.0

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