

HP Intel Core i3-4360T processor 3.2 GHz 4 MB Smart Cache

Brand: HP Product code: 787622-001

Product name: Intel Core i3-4360T

Intel Core i3-4360T, 4M Cache, 3.2 GHz, 5 GT/s DMI2

HP Intel Core i3-4360T processor 3.2 GHz 4 MB Smart Cache:

Options, accessories, services and support for all your HP and Compaq products. HP Intel Core i3-4360T. Processor family: Intel® Core™ i3, Processor socket: LGA 1150 (Socket H3), Processor lithography: 22 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR3-SDRAM, DDR3L. On-board graphics card model: Intel® HD Graphics 4600, Maximum on-board graphics card memory: 2 GB, On-board graphics card outputs supported: DVI, DisplayPort, Embedded DisplayPort (eDP), HDMI, VGA (D-Sub). Market segment: Desktop, PCI Express configurations: 1x16, 1x8+2x4, 2x8, Supported instruction sets: AVX 2.0, SSE4.1, SSE4.2. Compatibility: 400G1PD DM

Processor generation 4th gen Intel® Core" i3 Intel® Core 134560T Assort of the processor model 134360T Assort of the processor base frequency 3.2 GHz Intel® Core" i3 Intel® Core is intell intel®				
Processor model i3-4360T	Processor		Graphics	
Processor model i3-450T at IntaXimin resolution (MCA) Processor family * Intel® Core ** i3 Processor family * Intel® Core ** i3 Processor socket * LGA 1150 (Socket H3) Component for PC Component for PC Component for PC Intel® Core i3-4300 Desktop Series Processor series Intel Core i3-4300 Desktop Series Processor series Intel Core i3-4300 Desktop Series Processor threads 4 System bus rate 5 GT/s Processor operating modes * 64-bit Processor operating modes * 64-bit Processor operating modes * 64-bit Processor cache 4 MB PCI Express solts version 3.0 Processor cache 4 MB PCI Express solts version 3.0 Processor cache type Smart Cache Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Steeping CO CPU configuration (max) 1 Intermal Design Power (TDP) 35 W Scalability 15 Steeping CO CPU configuration (max) 1 Embedded options available X Memory bandwidth supported by processor (max) Memory types supported by processor (max) Memory types supported by processor (max) Memory types supported by processor (max) Memory voltage supported by processor (max) Memory vol	Processor generation	4th gen Intel® Core™ i3		24 Hz
at maximum resolution (VGA) Processor family * Intel® Core ** 13 Processor sorces ** 2 Processor sorces ** 22 Processor sorces ** 22 Component for PC Component for PC Idle States Processor lithography ** 22 nm Processor series Intel Core i3-4300 Desktop Series Processor series Processor series Intel Core i3-4300 Desktop Series Processor series Intel Core i3-4300 Desktop Series Market segment Maximum number of PCI Express Intel Express slots version 3.0 Processor operating modes ** 64-bit PCI Express configurations Ital, 1x8+2x4, 2x8 Processor cache bye Smart Cache Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Stepping CO CPU configuration (max) Intel® Clery Configuration Memory bandwidth supported by processor (max) Processor special features Intel® Hyper Threading Technology (Intel® Hyper Threading Technology Versessor (rechnology or Intel® Unitel® HT Technology) Processor Special features Intel® Turbo Boost Technology Version Boost Technology Intel® Turbo Boost Technology Version Boost Techno	Processor model *		, ,	
Processor family * Intel® Core** 13 Processor cores * 2 Processor socket * 2 Processor lithography * 2 Processor lithography * 2 Processor series Intel Core i3-4300 Desktop Series Processor of threads 4 Processor operating modes * 5 Processor operating modes * 64-bit PCI Express slots version 3.0 Processor cache Processor Processor Cache Processor Cache Processor	Processor base frequency *			60 Hz
Frocessor socket* LGA 1150 (Socket H3) Component for PC Processor socket* LGA 1150 (Socket H3) PC Processor socket* LGA 1150 (Socket H3) PC Processor lithography* 22 nm Thermal Monitoring Technologies Market segment Desktop Maximum number of PCI Express Intel Core i3-4300 Desktop Series Processor threads 4 MB PCI Express slots version 3.0 Processor operating modes* 64-bit PCI Express sofigurations PCI Express sofigurations 1x16, 1x8+2x4, 2x8 PCI Express sofigurations 1x16, 1x8+2x4, 2x8 PCI Express sofiguration sets AVX 2.0, SSE4.1, SSE4.2 Scalability 1S Stepping C0 CPU configuration (max) 1 Embedded options available X Memory bandwidth supported by processor Memory to processor Memory to processor Memory tolck speeds supported by processor Memory clock speeds supported by processor Memory voltage supported by Processor Memory channels* Dual-channel ECC Y Mitel® Urive Stock Technology (Intel® Clar Video HD Technology (Intel® Clar Video HD Technology (Intel® CVT HD) Intel® Clar Video HD Technology Intel® Clar Video HD T	Processor family *		` '	
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Processor operating modes * 64-bit Processor operating modes * 14.66, 1x8+2x4, 2x8 Processor operating modes * 1x16, 1x8+2x4, 2x8 Processor operation op			•	16
Processor cache 4 MB PCI Express configurations 1x16, 1x8+2x4, 2x8 Processor cache type Smart Cache Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Thermal Design Power (TDP) 35 W Scalability 15 Stepping C0 CPU configuration (max) 1 Bus type DMI2 Embedded options available X Memory bandwidth supported by processor (max) Memory Memory Maximum internal memory supported by processor Bernot type Supported by processor (max) Memory types supported by processor Wemory types supported by processor (max) Memory types supported by processor Intel® Hyper Threading Technology (Intel® HT Technology) Memory types supported by processor Intel® North Turb® Boost Technology X Memory clock speeds supported by processor Intel® Intru® JD Technology V Memory voltage supported by Dual-channel Intel® Unitel® Unitel® Unitel® Display (Intel® HT Technology) Memory channels Dual-channel Intel® Clear Video Technology (Intel® Clear Video HD Technology (Intel® CVT HD) Maximum on-board graphics card wolth and graphics 4600 Maximum on-board graphics card outputs Supported DisplayPort, Embedded DisplayPort, Embedded DisplayPort, Embedded DisplayPort, Embedded DisplayPort, Embedded DisplayPort, Embedded DisplayPort (eDP), HDMI, VGA (D-Sub) Non-board graphics card base 200 MHz Intel Txx.NI Ix16, 1x8+2x4, 2x8 AVX 2.0, SSE4.1, SSE4.2 SXIX 2.0, SSE4.1, SSE4.2 Intel Express configuration text 2.0 Intel® HT Technology (Intel® the Chart Channel of the Cha	•			
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Processor (max) Memory Maximum internal memory supported by processor Memory types supported by processor Memory clock speeds supported by processor Memory voltage supported by processor Memory clance supported by processor Intel® Wireless Display (Intel® WiDi) Intel® Clear Video HD Technology Intel® Clear Video HD Technology Intel® AES New Instructions (Intel® AES-NI) Enhanced Intel SpeedStep Technology Maximum on-board graphics card model * Intel® HD Graphics 4600 Maximum on-board graphics card outputs supported DVI, DisplayPort, Embedded DisplayPort, Embedded DisplayPort (eDP), HDMI, VGA (D-Sub) Intel VT-x with Extended Page Tables (EPT) Intel® Secure Key Intel Secure Key Intel SSC-NNI Intel SSC-NNI Intel® Secure Key Intel® Secure Key Intel SSC-NNI Intel SSC-NNI Intel® Secure Key Intel® Secure Key Intel® Secure Key Intel® Secure Key	• •		'	
Memory Processor special features Maximum internal memory supported by processor 32 GB Intel® Hyper Threading Technology (Intel® HT Technology) ✓ Memory types supported by processor DDR3-SDRAM, DDR3L Intel® Turbo Boost Technology X Memory clock speeds supported by processor 1333,1600 MHz Intel® Quick Sync Video Technology ✓ Memory voltage supported by processor 1.5 V Intel® InTru™ 3D Technology ✓ Memory channels * Dual-channel Intel® Clear Video HD Technology (Intel® CVT HD) ✓ ECC ✓ Intel® AES New Instructions (Intel® AES-NI) ✓ Graphics Intel® HD Graphics 4600 Enhanced Intel SpeedStep ✓ On-board graphics card model * Intel® HD Graphics 4600 Intel Trusted Execution Technology X Maximum on-board graphics card memory DVI, DisplayPort, Embedded DisplayPort (eDP), HDMI, VGA (D-Sub) Intel® VT-x with Extended Page ✓ On-board graphics card base DVI, DisplayPort (eDP), HDMI, VGA (D-Sub) Intel® Secure Key ✓	processor (max)	25.6 GB/s		
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	processor Memory channels * ECC Graphics On-board graphics card * On-board graphics card model * Maximum on-board graphics card	Dual-channel Intel® HD Graphics 4600 2 GB DVI, DisplayPort, Embedded DisplayPort (eDP), HDMI, VGA (D-	Intel® Wireless Display (Intel® WiDi) Intel® Clear Video HD Technology (Intel® CVT HD) Intel® AES New Instructions (Intel® AES-NI) Enhanced Intel SpeedStep Technology Intel Trusted Execution Technology Intel VT-x with Extended Page Tables (EPT)	

Graphics		Processor special features	
On-board graphics card dynamic frequency (max)	1150 MHz	Intel Stable Image Platform Program (SIPP)	×
Number of displays supported (on- board graphics)	3	Intel® Small Business Advantage (Intel® SBA)	/
On-board graphics card DirectX version	11.1/12	Intel 64	✓
On-board graphics card OpenGL version	4.3	Intel Virtualization Technology (VT-x)	/
On-board graphics card maximum	3840 x 2160 pixels	Intel Virtualization Technology for Directed I/O (VT-d)	×
resolution (DisplayPort)	•	Conflict-Free processor	✓
On-board graphics card maximum resolution (eDP - Integrated Flat Panel)	3840 x 2160 pixels	Intel® vPro™ Platform Eligibility	×
		Operational conditions	
On-board graphics card maximum resolution (HDMI)	4096 x 2304 pixels	Tcase	66.4 °C
On-board graphics card maximum resolution (VGA)	1920 x 1200 pixels	Other features	
On-board graphics card refresh rate at maximum resolution (DisplayPort)	60 Hz	Compatibility	400G1PD DM
On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel)	60 Hz		

