

Intel Xeon E3-1240V5 processor 3.5 GHz 8 MB Smart Cache

Brand : Intel

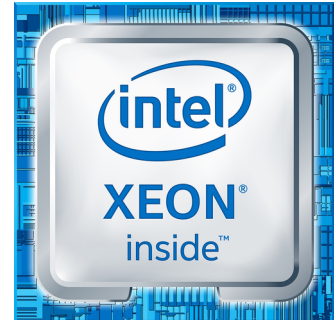
Product family: Xeon

Product code:
CM8066201921715

Product name : E3-1240V5

Intel® Xeon® Processor E3-1240 v5
(8M Cache, 3.50 GHz)

Intel Xeon E3-1240V5. Processor family: Intel® Xeon® E3 v5, Processor socket: LGA 1151 (Socket H4), Processor lithography: 14 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 64 GB, Memory types supported by processor: DDR4-SDRAM, DDR3L-SDRAM. Market segment: Server, PCI Express configurations: 1x16, 2x8, 1x8+2x4, Supported instruction sets: SSE4.1, SSE4.2, AVX 2.0. Intel® Turbo Boost Technology 2.0 frequency: 3.9 GHz. Package type: Retail box



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor model *	E3-1240V5	Intel® Insider™	✓
Processor base frequency *	3.5 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor family *	Intel® Xeon® E3 v5	Enhanced Intel SpeedStep Technology	✓
Processor cores *	4	Intel Trusted Execution Technology	✓
Processor socket *	LGA 1151 (Socket H4)	Intel® Memory Protection Extensions (Intel® MPX)	✓
Component for	Server/workstation	Intel® Turbo Boost Technology 2.0 frequency	3.9 GHz
Processor lithography *	14 nm	Intel® Transactional Synchronization Extensions	✓
Processor series	Intel Xeon E3-1200 v5	Intel Enhanced Halt State	✓
Processor threads	8	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
System bus rate	8 GT/s	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes *	64-bit	Intel® Secure Key	✓
Processor boost frequency	3.9 GHz	Intel TSX-NI	✓
Processor cache	8 MB	Intel® OS Guard	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✗
Thermal Design Power (TDP)	80 W	Intel Software Guard Extensions (Intel SGX)	✓
Box *	✗	Intel 64	✓
Cooler included *	✗	Intel Secure Key Technology version	1.00
VID Voltage Range	0.55 - 1.52 V	Intel Virtualization Technology (VT-x)	✓
Stepping	R0	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Bus type	DMI3		
Memory bandwidth supported by processor (max)	34.1 GB/s		
Processor codename	Skylake		
Processor code	SR2LD		
Processor ARK ID	88176		
Memory			
Maximum internal memory supported by processor	64 GB		

Memory		Processor special features	
Memory types supported by processor	DDR4-SDRAM, DDR3L-SDRAM	Intel TSX-NI version	1.00
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz	Conflict-Free processor	✓
Memory voltage supported by processor	1.35 V	Intel® Boot Guard	✓
Memory channels *	Dual-channel	Intel® vPro™ Platform Eligibility	✓
ECC	✓	Technical details	
Graphics		Bus bandwidth	8
On-board graphics card *	✗	Bus type units	GT/s
On-board graphics card 4K support	✗	Launch date	Q4'15
Features		Maximum resolution & refresh rate (DisplayPort)	N/A
Execute Disable Bit	✓	Maximum resolution & refresh rate (HDMI)	N/A
Idle States	✓	Maximum resolution & refresh rate (Integrated Flat Panel)	N/A
Thermal Monitoring Technologies	✓	Maximum resolution & refresh rate (VGA)	N/A
Market segment	Server	Processor cache	8192 KB
Maximum number of PCI Express lanes	16	Product type	Processor
PCI Express slots version	3.0	Status	Discontinued
PCI Express configurations	1x16, 2x8, 1x8+2x4	Maximum memory	64 GB
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0	Processor brand name	Intel Xeon
Scalability	1S	Supported memory types	DDR4-SDRAM, DDR3L-SDRAM
CPU configuration (max)	1	Last change	63903513
Embedded options available	✗	Maximum resolution (WiDi)	N/A
Graphics & IMC lithography	14 nm	Product family	Intel Xeon Processor E3 v5 Family
PCI Express CEM revision	3.0	Bus speed	8 GT/s
Export Control Classification Number (ECCN)	5A992C	Logistics data	
Commodity Classification Automated Tracking System (CCATS)	G077159	Harmonized System (HS) code	85423119
Processor special features		Packaging data	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Package type	Retail box
Intel® Turbo Boost Technology	2.0	Weight & dimensions	
Intel® Quick Sync Video Technology	✗	Processor package size	37.5 x 37.5 mm
Intel® InTru™ 3D Technology	✗	Other features	
Intel® Wireless Display (Intel® WiDi)	✗	Compatibility	Intel Server System R1304SPOSHBN Intel Server System R1304SPOSHOR Intel Server System R1208SPOSHOR Intel Server Board S1200SPL Intel Server Board S1200SPS Intel Server Board S1200SPO
		Maximum internal memory	64 GB
		Maximum internal memory	65536 MB
		Graphics output	N/A



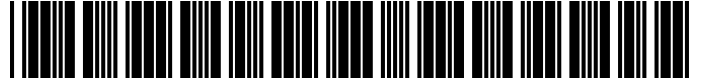
0675901346528



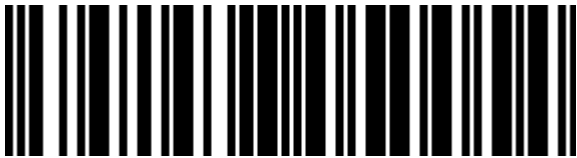
675901346528



0675901376259



675901376259



8592978050054

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.