

Intel Xeon E5-2667 processor 2.9 GHz 15 MB Smart Cache

Brand : Intel

Product family: Xeon

Product code:
CM8062100854802

Product name : E5-2667

Intel® Xeon® Processor E5-2667

(15M Cache, 2.90 GHz, 8.00 GT/s Intel® QPI)

Intel Xeon E5-2667. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 32 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 750 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Supported instruction sets: AVX, Scalability: 2S. Intel® Turbo Boost Technology 2.0 frequency: 3.5 GHz. Package width: 44 mm, Package depth: 140 mm, Package height: 117 mm



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor model *	E5-2667	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor base frequency *	2.9 GHz	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Xeon® E5 Family	Intel Flex Memory Access	✗
Processor cores *	6	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket *	LGA 2011 (Socket R)	Enhanced Intel SpeedStep Technology	✓
Component for	Server/workstation	Intel Trusted Execution Technology	✓
Processor lithography *	32 nm	Intel® Turbo Boost Technology 2.0 frequency	3.5 GHz
Processor series	Intel Xeon E5-2600	Intel Enhanced Halt State	✓
Processor threads	12	Intel VT-x with Extended Page Tables (EPT)	✓
System bus rate	8 GT/s	Intel Demand Based Switching	✓
Processor operating modes *	64-bit	Intel 64	✓
Processor boost frequency	3.5 GHz	Intel Identity Protection Technology version	0.00
Processor cache	15 MB	Intel Virtualization Technology (VT-x)	✓
Processor cache type	Smart Cache	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Thermal Design Power (TDP)	130 W	Intel® vPro™ Platform Eligibility	✓
Box *	✗	Operational conditions	
Cooler included *	✗	Tcase	85 °C
VID Voltage Range	0.6 - 1.35 V	Technical details	
Bus type	QPI	Born on date	Q1'12
CPU multiplier (bus/core ratio)	35	Bus bandwidth	8
Number of QPI links	2	Bus type units	GT/s
Memory bandwidth supported by processor (max)	51.2 GB/s	Launch date	Q1'12
Processor codename	Sandy Bridge EP		
Processor ARK ID	64589		
Memory			
Maximum internal memory supported by processor	750 GB		
Memory types supported by processor	DDR3-SDRAM		

Memory		Technical details	
Memory clock speeds supported by processor	800,1066,1333,1600 MHz	Processor cache	15360 KB
Memory channels *	Quad-channel	Processor core voltage	0.60-1.35 V
ECC	✓	Product name	Intel Xeon E5-2667 (15M Cache, 2.90 GHz, 8.00 GT/s Intel QPI)
Graphics		Product type	Processor
On-board graphics card *	✗	Status	Discontinued
Features		Maximum memory	384 GB
Execute Disable Bit	✓	Processor brand name	Intel Xeon
Idle States	✓	Supported memory types	DDR3-SDRAM
Thermal Monitoring Technologies	✓	Last change	63903513
Market segment	Server	Product family	Intel Xeon Processor E5 Family
Maximum number of PCI Express lanes	40	Bus speed	8 GT/s
PCI Express slots version	3.0	Logistics data	
Supported instruction sets	AVX	Harmonized System (HS) code	8542310001
Scalability	2S	Packaging data	
CPU configuration (max)	2	Package width	44 mm
Embedded options available	✗	Package depth	140 mm
Graphics & IMC lithography	32 nm	Package height	117 mm
PCI Express CEM revision	3.0	Weight & dimensions	
Export Control Classification Number (ECCN)	5A992C	Processor package size	52.5mm x 45mm
Commodity Classification Automated Tracking System (CCATS)	G077159	Other features	
Images Type Map	✗	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
		Maximum internal memory	384 GB
		Maximum internal memory	393216 MB
		Cache memory	15 MB



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