



Fujitsu Intel Xeon E5-2637 v4 processor 3.5 GHz 15 MB Smart Cache

Brand : Fujitsu

Product code: S26361-F3933-L437

Product name : Intel Xeon E5-2637 v4

Intel Xeon Processor E5-2637 v4 (15M Cache, 3.50 GHz)

Fujitsu Intel Xeon E5-2637 v4. Processor family: Intel® Xeon® E5 v4, Processor socket: LGA 2011-v3, Processor lithography: 14 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 1.54 TB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX 2.0, Scalability: 2S. Processor package size: 45 x 52.5 mm



Processor		Features	
Processor model *	E5-2637V4	PCI Express slots version	3.0
Processor base frequency *	3.5 GHz	Supported instruction sets	AVX 2.0
Processor family *	Intel® Xeon® E5 v4	Scalability	2S
Processor cores *	4	Physical Address Extension (PAE)	✓
Processor socket *	LGA 2011-v3	CPU configuration (max)	2
Component for	Server/workstation	Embedded options available	✗
Processor lithography *	14 nm	Physical Address Extension (PAE)	46 bit
Processor series	Intel Xeon E5-2600 v4	Processor special features	
Processor threads	8	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	9.6 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor operating modes *	64-bit	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3.7 GHz	Intel Flex Memory Access	✗
Processor cache	15 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	135 W	Intel Trusted Execution Technology	✓
Box *	✗	Intel VT-x with Extended Page Tables (EPT)	✓
VID Voltage Range	0 - 0 V	Intel Demand Based Switching	✓
Stepping	R0	Intel® Secure Key	✓
Bus type	QPI	Intel TSX-NI	✓
Number of QPI links	2	Intel® OS Guard	✓
Memory bandwidth supported by processor (max)	76.8 GB/s	Intel 64	✓
Memory		Intel Virtualization Technology (VT-x)	✓
Maximum internal memory supported by processor	1.54 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory types supported by processor	DDR4-SDRAM	Conflict-Free processor	✓
Memory clock speeds supported by processor	1600,1866,2133,2400 MHz		
Memory channels *	Quad-channel		
ECC	✓		

Graphics		Processor special features	
On-board graphics card *	✘	Intel® vPro™ Platform Eligibility	✔
Features		Operational conditions	
Execute Disable Bit	✔	Tcase	75 °C
Idle States	✔	Weight & dimensions	
Thermal Monitoring Technologies	✔	Processor package size	45 x 52.5 mm
Market segment	Server		
Maximum number of PCI Express lanes	40		



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