



## Fujitsu Intel Xeon E5-2697v4 processor 2.3 GHz 45 MB Smart Cache



**Brand :** Fujitsu

**Product code:** S26361-F3933-L497

**Product name :** Intel Xeon E5-2697v4

Fujitsu Intel Xeon E5-2697v4. 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		Features	
Processor model *	E5-2697V4	Supported instruction sets	AVX 2.0
Processor base frequency *	2.3 GHz	Scalability	2S
Processor family *	Intel® Xeon® E5 v4	Physical Address Extension (PAE)	✓
Processor cores *	18	CPU configuration (max)	2
Processor socket *	LGA 2011-v3	Embedded options available	✗
Component for	Server/workstation	Physical Address Extension (PAE)	46 bit
Processor lithography *	14 nm	<b>Processor special features</b>	
Processor series	Intel Xeon E5-2600 v4	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor threads	36	Intel® Identity Protection Technology (Intel® IPT)	✗
System bus rate	9.6 GT/s	Intel® Turbo Boost Technology	2.0
Processor operating modes *	64-bit	Intel Flex Memory Access	✗
Processor boost frequency	3.6 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache	45 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	145 W	Intel Enhanced Halt State	✓
Stepping	B0	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	QPI	Intel Demand Based Switching	✓
Number of QPI links	2	Intel® Secure Key	✓
Memory bandwidth supported by processor (max)	76.8 GB/s	Intel TSX-NI	✓
Processor codename	Broadwell	Intel® OS Guard	✓
<b>Memory</b>		Intel 64	✓
Maximum internal memory supported by processor	1.54 TB	Intel Virtualization Technology (VT-x)	✓
Memory types supported by processor	DDR4-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speeds supported by processor	1600,1866,2133,2400 MHz	Conflict-Free processor	✓
Memory channels *	Quad-channel	Intel® vPro™ Platform Eligibility	✓
ECC	✓	<b>Operational conditions</b>	
<b>Features</b>		Tcase	79 °C
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Server		
Maximum number of PCI Express lanes	40		
PCI Express slots version	3.0		



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