



Fujitsu Intel Xeon E5-2440 6C/12T 2.40 GHz 15 MB processor 2.4 GHz L3

Brand : Fujitsu

Product code: S26361-F4565-L240

Product name : Intel Xeon E5-2440 6C/12T 2.40 GHz 15 MB

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The Xeon® Processor from Fujitsu is designed to deliver enhanced reliability and flexibility for server platforms. This processor offers excellent performance and headroom for peak Internet server loads, resulting in faster response times, support for more users and improved scalability. It has been tested and validated on Fujitsu systems to ensure it will work with your system. This processor is fully supported by Fujitsu Technical Support when used with a Fujitsu system.

Fujitsu Intel Xeon E5-2440 6C/12T 2.40 GHz 15 MB. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 1356 (Socket B2), Processor lithography: 32 nm. Memory channels: Triple-channel, Maximum internal memory supported by processor: 375 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Scalability: S2S. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x, Compatibility: PRIMERGY BX920 S3



Processor		Features	
Processor model *	E5-2440	Idle States	✓
Processor base frequency *	2.4 GHz	Thermal Monitoring Technologies	✓
Processor family *	Intel® Xeon® E5 Family	Market segment	Server
Processor cores *	6	Maximum number of PCI Express lanes	24
Processor socket *	LGA 1356 (Socket B2)	PCI Express slots version	3.0
Component for	Server/workstation	Scalability	S2S
Processor lithography *	32 nm	CPU configuration (max)	2
Processor threads	12	Processor special features	
System bus rate	7.2 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor operating modes *	64-bit	Intel® Turbo Boost Technology	✓
Processor boost frequency	2.9 GHz	Intel Flex Memory Access	✓
Processor cache	15 MB	Intel® Smart Cache	✓
Processor cache type	L3	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	95 W	Enhanced Intel SpeedStep Technology	✓
VID Voltage Range	0.60 - 1.35 V	Intel Trusted Execution Technology	✓
Bus type	QPI	Intel Demand Based Switching	✓
Number of QPI links	1	Intel Virtualization Technology (VT-x)	✓
Memory bandwidth supported by processor (max)	32 GB/s	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory		Intel® vPro™ Platform Eligibility	✓
Maximum internal memory supported by processor	375 GB	Other features	
Memory types supported by processor	DDR3-SDRAM	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Memory clock speeds supported by processor	800,1066,1333 MHz	Compatibility	PRIMERGY BX920 S3
Memory channels *	Triple-channel		
ECC	✓		
Graphics			
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		

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