



HP Intel Xeon L5506 processor 2.13 GHz 4 MB Smart Cache

Brand : HP

Product code: 571696-L21

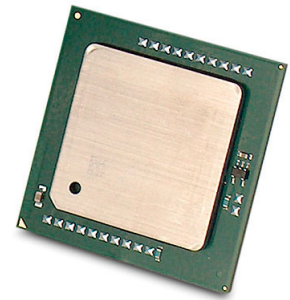
Product name : Intel Xeon L5506

Intel Xeon L5506, 4M Cache, 2.13 GHz, 4.8 GT/s QPI

[HP Intel Xeon L5506 processor 2.13 GHz 4 MB Smart Cache:](#)

Options, accessories, services and support for all your HP and Compaq products.

HP Intel Xeon L5506. Processor family: Intel® Xeon® 5000 Sequence, Processor socket: Socket B (LGA 1366), Processor lithography: 45 nm. Memory channels: Triple-channel, Maximum internal memory supported by processor: 144 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Physical Address Extension (PAE): 40 bit. Compatibility: ProLiant SL160z Gen6



Processor		Features	
Processor model *	L5506	Execute Disable Bit	✓
Processor base frequency *	2.13 GHz	Idle States	✓
Processor family *	Intel® Xeon® 5000 Sequence	Market segment	Server
Processor cores *	4	Physical Address Extension (PAE)	✓
Processor socket *	Socket B (LGA 1366)	CPU configuration (max)	2
Component for	Server/workstation	Embedded options available	✗
Processor lithography *	45 nm	Physical Address Extension (PAE)	40 bit
Processor series	Intel Xeon 5000 Series	Processor special features	
Processor threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
System bus rate	4.8 GT/s	Intel® Turbo Boost Technology	✗
Processor operating modes *	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor cache	4 MB	Intel Trusted Execution Technology	✗
Processor cache type	Smart Cache	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	60 W	Intel Demand Based Switching	✓
VID Voltage Range	0.75 - 1.35 V	Intel 64	✓
Stepping	D0	Intel Virtualization Technology (VT-x)	✓
Bus type	QPI	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of QPI links	2	Operational conditions	
Memory bandwidth supported by processor (max)	19.2 GB/s	Tcase	70 °C
Memory		Other features	
Maximum internal memory supported by processor	144 GB	Compatibility	ProLiant SL160z Gen6
Memory types supported by processor	DDR3-SDRAM		
Memory clock speeds supported by processor	800 MHz		
Memory channels *	Triple-channel		
ECC	✓		
Graphics			
On-board graphics card *	✗		

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.

Publication date: 26-DEC-2023. Prints or copies of Information are only valid on the printed Publication date