



## HP Intel Xeon L5420 processor 2,5 GHz 12 MB L2

**Brand :** HP

**Product code:** 466658-B21

**Product name :** Intel Xeon L5420



Intel® Xeon® Processor L5420 (12M Cache, 2.50 GHz, 1333 MHz FSB)

HP Intel Xeon L5420. Processor family: Intel® Xeon® 5000 Sequence, Processor socket: LGA 771 (Socket J), Processor lithography: 45 nm. Market segment: Server, Number of Processing Die Transistors: 820 M, Processing Die size: 214 mm². Processor package size: 37.5 mm. Intel® Virtualization Technology (Intel® VT): VT-x

Processor		Features	
Processor model *	L5420	Execute Disable Bit	✓
Processor base frequency *	2,5 GHz	Idle States	✓
Processor family *	Intel® Xeon® 5000 Sequence	Thermal Monitoring Technologies	✓
Processor cores *	4	Market segment	Server
Processor socket *	LGA 771 (Socket J)	Number of Processing Die Transistors	820 M
Component for	Server/workstation	Processing Die size	214 mm²
Processor lithography *	45 nm	Embedded options available	✗
Processor threads	4	<b>Processor special features</b>	
Processor operating modes *	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor cache	12 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	L2	Intel Demand Based Switching	✓
L2 cache speed	2,5 GHz	Intel Virtualization Technology (VT-x)	✓
Processor front side bus	1333 MHz	<b>Operational conditions</b>	
Thermal Design Power (TDP)	50 W	Tcase	57 °C
VID Voltage Range	0,85 - 1,35 V	<b>Weight &amp; dimensions</b>	
Compatible chipsets	Intel® 5000P, Intel® 5000V, Intel® 5000X, Intel® 5100, Intel® 5400	Processor package size	37.5 mm
Stepping	E0	<b>Other features</b>	
FSB Parity	✓	Intel® Virtualization Technology (Intel® VT)	VT-x
CPU multiplier (bus/core ratio)	7,5		
<b>Graphics</b>			
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-JUN-2025. Prints or copies of Information are only valid on the printed Publication date