



HP Intel Xeon Gold 6136 processor 3 GHz 24.75 MB L3



Brand : HP

Product code: 2DL86AV

Product name : Intel Xeon Gold 6136

Intel Xeon Gold 6136, 12C, 150W, 3.0GHz

HP Intel Xeon Gold 6136 processor 3 GHz 24.75 MB L3:

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

HP Intel Xeon Gold 6136. Processor family: Intel® Xeon® Gold, Processor socket: LGA 3647 (Socket P), Processor lithography: 14 nm. Memory channels: Hexa-channel, Maximum internal memory supported by processor: 768 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Scalability: S4S

Processor		Features	
Processor generation	1st Generation Intel® Xeon® Scalable	PCI Express slots version	3.0
Processor model *	6136	Scalability	S4S
Processor base frequency *	3 GHz	Embedded options available	✗
Processor family *	Intel® Xeon® Gold	Processor special features	
Processor cores *	12	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor socket *	LGA 3647 (Socket P)	Intel® Turbo Boost Technology	2.0
Component for	Server/workstation	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography *	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor threads	24	Intel Trusted Execution Technology	✓
Processor operating modes *	64-bit	Intel® Speed Shift Technology	✓
Processor boost frequency	3.7 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	24.75 MB	Intel TSX-NI	✓
Processor cache type	L3	Intel 64	✓
Thermal Design Power (TDP)	150 W	Intel Virtualization Technology (VT-x)	✓
Stepping	H0	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor codename	Skylake	Conflict-Free processor	✓
Memory		Intel Turbo Boost Max Technology 3.0	✗
Maximum internal memory supported by processor	768 GB	Intel® Optane™ Memory Ready	✗
Memory types supported by processor	DDR4-SDRAM	Intel® vPro™ Platform Eligibility	✓
Memory clock speeds supported by processor	2666 MHz	Operational conditions	
Memory channels *	Hexa-channel	Tcase	85 °C
ECC	✓		
Graphics			
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Market segment	Server		
Maximum number of PCI Express lanes	48		

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.