



HP Z6G4 Xeon 6128 3.4 2666 6C CPU2 processor 3.4 GHz 19.25 MB L3

Brand : HP

Product code: 1XM44AA

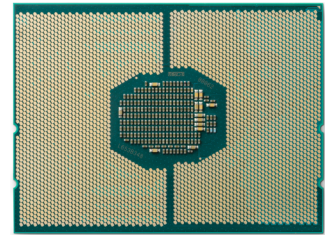
Product name : Z6G4 Xeon 6128 3.4 2666 6C CPU2

Intel Xeon Gold 6128, 19.25M Cache, 3.4 GHz, 115 W TDP, FCLGA3647, f/HP Z6G4

[HP Z6G4 Xeon 6128 3.4 2666 6C CPU2 processor 3.4 GHz 19.25 MB L3:](#)

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

HP Z6G4 Xeon 6128 3.4 2666 6C CPU2. 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, Supported instruction sets: AVX, AVX 2.0, AVX-512, SSE4.2, Scalability: S4S. Compatibility: HP Z6G4



Processor		Features	
Processor generation	1st Generation Intel® Xeon® Scalable	Scalability	S4S
Processor model *	6128	Embedded options available	✗
Processor base frequency *	3.4 GHz	HP segment	Business
Processor family *	Intel® Xeon® Gold	Processor special features	
Processor cores *	6	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 series	Intel Xeon Gold 6000 Series	Intel Trusted Execution Technology	✓
Processor threads	12	Intel® Speed Shift Technology	✓
Processor operating modes *	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor boost frequency	3.7 GHz	Intel TSX-NI	✓
Processor cache	19.25 MB	Intel 64	✓
Processor cache type	L3	Intel Virtualization Technology (VT-x)	✓
Thermal Design Power (TDP)	115 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Cooler included *	✗	Conflict-Free processor	✓
Bus type	UPI	Intel Turbo Boost Max Technology 3.0	✗
Processor codename	Skylake	Intel® Optane™ Memory Ready	✗
Memory		Intel® vPro™ Platform Eligibility	✓
Maximum internal memory supported by processor	768 GB	Operational conditions	
Memory types supported by processor	DDR4-SDRAM	Tcase	74 °C
Memory clock speeds supported by processor	2666 MHz	Logistics data	
Memory channels *	Hexa-channel	Harmonized System (HS) code	85423119
ECC	✓	Other features	
Graphics		Compatibility	HP Z6G4
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Market segment	Server		

Features

Maximum number of PCI Express lanes	48
PCI Express slots version	3.0
Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2



0192545130844



192545130844



5706998288127

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.