



HP Intel Xeon Platinum 8260 processor 2.4 GHz 35.75 MB L3

Brand : HP

Product code: 6CX63AV

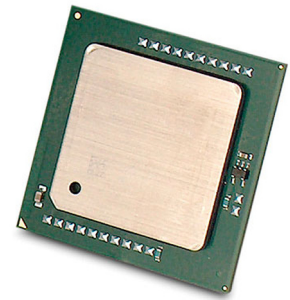
Product name : Intel Xeon Platinum 8260

Intel Xeon Platinum 8260, 35.75M Cache, 2.4 GHz, 165 W TDP, FCLGA3647, 1st

HP Intel Xeon Platinum 8260 processor 2.4 GHz 35.75 MB L3:

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HP Intel Xeon Platinum 8260. Processor family: Intel® Xeon® Platinum, Processor socket: LGA 3647 (Socket P), Processor lithography: 14 nm. Memory channels: Hexa-channel, Maximum internal memory supported by processor: 1 TB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX, AVX 2.0, AVX-512, SSE4.2, Scalability: S8S



Processor		Features	
Processor manufacturer *	Intel	Scalability	S8S
Processor generation	2nd Generation Intel® Xeon® Scalable	Embedded options available	✗
Processor model *	8260	Processor special features	
Processor base frequency *	2.4 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Xeon® Platinum	Intel® Turbo Boost Technology	2.0
Processor cores *	24	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket *	LGA 3647 (Socket P)	Enhanced Intel SpeedStep Technology	✓
Component for	Server/workstation	Intel Trusted Execution Technology	✓
Processor lithography *	14 nm	Intel® Speed Shift Technology	✓
Processor series	Intel Xeon Platinum 8000 Series	Intel VT-x with Extended Page Tables (EPT)	✓
Processor threads	48	Intel TSX-NI	✓
Processor operating modes *	64-bit	Intel 64	✓
Processor boost frequency	3.9 GHz	Intel Virtualization Technology (VT-x)	✓
Processor cache	35.75 MB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache type	L3	Intel Turbo Boost Max Technology 3.0	✗
Thermal Design Power (TDP)	165 W	AVX-512 Fused Multiply-Add (FMA) units	2
Cooler included *	✗	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Stepping	B1	Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✗
Bus type	UPI	Intel® Volume Management Device (VMD)	✓
Processor codename	Cascade Lake	Intel® Optane™ DC Persistent Memory Supported	✓
Memory		Intel® vPro™ Platform Eligibility	✓
Maximum internal memory supported by processor	1 TB	Intel® Speed Select Technology - Base Frequency (Intel® SST-BF)	✗
Memory types supported by processor	DDR4-SDRAM	Operational conditions	
Memory clock speeds supported by processor	2933 MHz	Tcase	90 °C
Memory channels *	Hexa-channel		
ECC	✓		
Graphics			
On-board graphics card *	✗		
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		
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

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