HP Intel Xeon Silver 4114 processor 2.2 GHz 13.75 MB L3

Brand : HP

Article code: 2DL67AV

Product name : Intel Xeon Silver 4114

Intel Xeon Silver 4114, 10C, 85W, 2.2GHz

HP Intel Xeon Silver 4114 processor 2.2 GHz 13.75 MB L3:

Options, accessories, services and support for all your HP and Compaq products.
HP Intel Xeon Silver 4114. Processor family: Intel Xeon Silver, 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: 2S

Processor	
Processor generation	1st Generation Intel® Xeon® Scalable
Processor model *	4114
Processor base frequency *	2.2 GHz
Processor family *	Intel Xeon Silver
Processor cores *	10
Processor socket *	LGA 3647 (Socket P)
Component for	Server/workstation
Processor lithography *	14 nm
Processor threads	20
Processor operating modes *	64-bit
Processor boost frequency	3 GHz
Processor cache	13.75 MB
Processor cache type	L3
Thermal Design Power (TDP)	85 W
Stepping	U0
Processor codename	Skylake

Memory	
Maximum internal memory supported by processor	768 GB
Memory types supported by processor	DDR4-SDRAM
Memory clock speeds supported by processor	2400 MHz
Memory channels *	Hexa-channel
ECC	✔

Graphics	
On-board graphics card *	✘

Features	
Execute Disable Bit	✔
Market segment	Server

Features	
Maximum number of PCI Express lanes	48
PCI Express slots version	2.0
Scalability	2S
Embedded options available	✘

Processor special features	
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® AES New Instructions (Intel® AES-NI)	✔
Enhanced Intel SpeedStep Technology	✔
Intel Trusted Execution Technology	✔
Intel® Speed Shift Technology	✔
Intel TSX-NI	✔
Intel 64	✔
Intel Virtualization Technology (VT-x)	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Conflict-Free processor	✔
Intel Turbo Boost Max Technology 3.0	✘
Intel® Optane™ Memory Ready	✘
Intel® vPro™ Platform Eligibility	✔

Operational conditions	
Tcase	78 °C

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