



HP Intel Xeon E3-1280 v3 processor 3.6 GHz 8 MB L3

Brand : HP

Product code: 727379-001

Product name : Intel Xeon E3-1280 v3

Intel Xeon E3-1280 v3, 3.6 GHz (4 GHz Turbo), 8 MB Cache, 5 GT/s, 22 nm

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We are in a multi-year journey to turn HP around, and we have put in place a plan to restore HP to growth. We know where we need to go, and we're making progress.

We continue to drive product innovation in our core markets, with a focus on cloud, security, and big data.



We see big opportunities ahead, and we are well positioned to take advantage of these opportunities with our remarkable set of assets and strengths. We have the people, the plan, and the foundation in place to help us succeed on the next phase of the journey.

Processor		Features	
Processor model *	E3-1280V3	Maximum number of PCI Express lanes	16
Processor base frequency *	3.6 GHz	PCI Express slots version	3.0
Processor family *	Intel® Xeon® E3 V3 Family	PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor cores *	4	Embedded options available	✗
Processor socket *	LGA 1150 (Socket H3)	Graphics & IMC lithography	22 nm
Component for	Server/workstation	Processor special features	
Processor lithography *	22 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate	5 GT/s	Intel® Turbo Boost Technology	2.0
Processor operating modes *	64-bit	Intel Fast Memory Access	✓
Processor boost frequency	4 GHz	Intel Flex Memory Access	✓
Processor cache	8 MB	Intel® Smart Cache	✓
Processor cache type	L3	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	82 W	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI	Intel Trusted Execution Technology	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
Maximum internal memory supported by processor	32 GB	Intel TSX-NI	✓
Memory types supported by processor	DDR3-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory clock speeds supported by processor	1333,1600 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory channels *	Dual-channel	Intel® vPro™ Platform Eligibility	✓
ECC	✓	Other features	
Graphics		Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Server		

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