

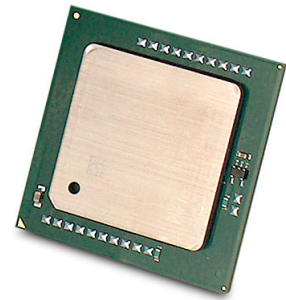


HP Intel Xeon E3-1225 v2 processor 3.2 GHz

Brand : HP

Product code: 690028-001

Product name : Intel Xeon E3-1225 v2



3.2 GHz, 8 MB, 5 GT/s, 22 nm

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HP Intel Xeon E3-1225 v2. Processor family: Intel® Xeon® E3 V2 Family, Processor lithography: 22 nm, Processor model: E3-1225V2. Memory channels: Dual-channel, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR3-SDRAM. On-board graphics card model: Intel® HD Graphics P4000, On-board graphics card base frequency: 650 MHz, On-board graphics card dynamic frequency (max): 1250 MHz. Market segment: Server, PCI Express configurations: 1x16+1x4, 1x8+3x4, 2x8+1x4. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x

Processor		Features	
Processor model *	E3-1225V2	PCI Express slots version	3.0
Processor base frequency *	3.2 GHz	PCI Express configurations	1x16+1x4, 1x8+3x4, 2x8+1x4
Processor family *	Intel® Xeon® E3 V2 Family	Embedded options available	✗
Processor cores *	4	Processor special features	
Component for	Server/workstation	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor lithography *	22 nm	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	4	Intel® Turbo Boost Technology	✓
System bus rate	5 GT/s	Intel® Quick Sync Video Technology	✓
Processor operating modes *	32-bit, 64-bit	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.6 GHz	Intel FDI Technology	✓
Thermal Design Power (TDP)	77 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Fast Memory Access	✓
Memory		Intel Flex Memory Access	✓
Maximum internal memory supported by processor	32 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory types supported by processor	DDR3-SDRAM	Enhanced Intel SpeedStep Technology	✓
Memory clock speeds supported by processor	1333,1600 MHz	Intel Trusted Execution Technology	✓
Memory channels *	Dual-channel	Intel VT-x with Extended Page Tables (EPT)	✓
ECC	✓	Intel Demand Based Switching	✓
Graphics		Intel TSX-NI	✗
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics P4000	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card base frequency	650 MHz	Intel® vPro™ Platform Eligibility	✓
On-board graphics card dynamic frequency (max)	1250 MHz	Other features	
Number of displays supported (on-board graphics)	3	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Server		

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