



## HP Intel Xeon E5-2640 processor 2.5 GHz 15 MB L3

Brand : HP

Product code: A2A21AV

Product name : Intel Xeon E5-2640

Intel Xeon E5-2640, 15M Cache, 2.50 GHz, 7.20 GT/s Intel QPI  
HP Intel Xeon E5-2640. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 32 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 750 GB, Memory clock speeds supported by processor: 800,1066,1333 MHz. Market segment: Server



Processor		Memory	
Processor model *	E5-2640	Maximum internal memory supported by processor	750 GB
Processor base frequency *	2.5 GHz	Memory clock speeds supported by processor	800,1066,1333 MHz
Processor family *	Intel® Xeon® E5 Family	Memory channels *	Quad-channel
Processor cores *	6	ECC	✓
Processor socket *	LGA 2011 (Socket R)	<b>Graphics</b>	
Component for	Server/workstation	On-board graphics card *	✗
Processor lithography *	32 nm	<b>Features</b>	
Processor threads	12	Market segment	Server
System bus rate	7.2 GT/s	<b>Processor special features</b>	
Processor operating modes *	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3 GHz	Intel® Turbo Boost Technology	✓
Processor cache	15 MB	Intel® vPro™ Platform Eligibility	✓
Processor cache type	L3	<b>Operational conditions</b>	
Thermal Design Power (TDP)	95 W	Maximum operating temperature	77.4 °C
Box *	✗		
VID Voltage Range	0.60 - 1.35 V		
CPU multiplier (bus/core ratio)	30		
Memory bandwidth supported by processor (max)	42.6 GB/s		

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