



HP Intel Xeon E5-2680 processor 2.7 GHz 20 MB L3

Brand : HP

Product code: A2A55AV

Product name : Intel Xeon E5-2680

Intel Xeon E5-2680, 20M Cache, 2.70 GHz, 8.00 GT/s Intel QPI
HP Intel Xeon E5-2680. 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: 800,1066,1333,1600 MHz. Market segment: Server



Processor		Memory	
Processor model *	E5-2680	Maximum internal memory supported by processor	750 GB
Processor base frequency *	2.7 GHz	Memory clock speeds supported by processor	800,1066,1333,1600 MHz
Processor family *	Intel® Xeon® E5 Family	Memory channels *	Quad-channel
Processor cores *	8	ECC	✓
Processor socket *	LGA 2011 (Socket R)	Graphics	
Component for	Server/workstation	On-board graphics card *	✗
Processor lithography *	32 nm	Features	
Processor threads	16	Market segment	Server
System bus rate	8 GT/s	Processor special features	
Processor operating modes *	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3.5 GHz	Intel® Turbo Boost Technology	✓
Processor cache	20 MB	Intel® vPro™ Platform Eligibility	✓
Processor cache type	L3	Operational conditions	
Thermal Design Power (TDP)	130 W	Maximum operating temperature	85 °C
Box *	✗		
VID Voltage Range	0.60 - 1.35 V		
CPU multiplier (bus/core ratio)	35		
Memory bandwidth supported by processor (max)	51.2 GB/s		

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