



HP Intel Xeon X5650 protsessor 2,66 GHz 12 MB L3

Brand : HP

Product code: 598137-L21

Product name : Intel Xeon X5650

HP Intel Xeon X5650. Protsessori perekond: Intel® Xeon® 5000 Sequence, Protsessori pesa: Socket B (LGA 1366), Protsessori litograafia: 32 nm. Mälukanalid: Kolmekanaliline, Protsessori poolt toetatud maksimaalne operatiivmälu: 288 GB, Protsessori poolt toetatud mälu tüübid: DDR3-SDRAM. Turuosa: Server. Intel®i virtualiseerimise tehnoloogia (Intel® VT): VT-d, VT-x



Protsessor		Funktsioonid	
Protsessori mudel *	X5650	Execute Disable Bit	✓
Protsessori baassagedus *	2,66 GHz	Ooterežiim	✓
Protsessori perekond *	Intel® Xeon® 5000 Sequence	Termojärelevalve tehnoloogiad	✗
Protsessorituumad *	6	Turuosa	Server
Protsessori pesa *	Socket B (LGA 1366)	Lisavõimalused	✗
Komponent	Server/tööjaam	Protsessori spetsiifilised funktsioonid	
Protsessori litograafia *	32 nm	Intel®i hüper hargtöötlus tehnoloogia (Intel® HT Technology)	✓
Protsessori harud	12	Intel® Turbo Boost tehnoloogia	✓
Süsteemi siinikiirus	6,4 GT/s	Intel®i tark vahemälu (Smart Cache)	✓
Protsessori töörežiimid *	32-bit, 64-bit	Intel®i AES uus juhend (Intel® AES-NI)	✓
Protsessori võimendussagedus	3,06 GHz	Inteli täiustatud SpeedStep-tehnoloogia	✓
Protsessori vahemälu	12 MB	Intel®i Trusted Execution tehnoloogia	✓
Protsessori vahemälu tüüp	L3	Intel®i VT-x koos laiendatud lehetabelitega (EPT)	✓
Protsessori esikülje siin	1333 MHz	Intel®i Demand Based Switching funktsioon	✓
Jahutusvõimsus (TDP)	95 W	Intel®i Virtualization-tehnoloogia (VT-X)	✓
VID pingevahemik	0,750 - 1,350 V	Intel®i Virtualization Technology Directed I/O seadmele	✓
CardBusi tüüp	QPI	Töötingimused	
CPU kordaja (siini/tuuma suhe)	20	Arvutikott	81,3 °C
QPI-linkide arv	2	Tehnilised andmed	
Protsessori poolt toetatud mälu maksimaalne taksagedus	32 GB/s	Vastavussertifikaadid	RoHS
Mälu		Muud funktsioonid	
Protsessori poolt toetatud maksimaalne operatiivmälu	288 GB	Intel®i virtualiseerimise tehnoloogia (Intel® VT)	VT-d, VT-x
Protsessori poolt toetatud mälu tüübid	DDR3-SDRAM		
Protsessori poolt toetatud mälu kiirused	800,1066,1333 MHz		
Mälukanalid *	Kolmekanaliline		
ECC	✓		
Graafikad			
Integreeritud graafikaadapter *	✗		

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