

Intel Xeon E7340 processor 2.4 GHz 8 MB L2 Box

Brand : Intel

Product family: Xeon

Product code: BX80565E7340

Product name : E7340

Intel® Xeon® Processor E7340

(8M Cache, 2.40 GHz, 1066 MHz FSB)

Intel Xeon E7340. Processor family: Intel® Xeon®, Processor socket: Socket 604 (mPGA604), Processor lithography: 65 nm. Power requirements: 1.200 - 1.350 V. Market segment: Server, Number of Processing Die Transistors: 582 M, Processing Die size: 286 mm². Package width: 152 mm, Package depth: 198 mm, Package height: 141 mm. Processor package size: 53.3mm x 53.3mm



Processor		Features	
Processor manufacturer *	Intel	Images Type Map	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Processor model *	E7340	Processor special features	
Processor base frequency *	2.4 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	<input checked="" type="checkbox"/>
Processor family *	Intel® Xeon®	Intel® Turbo Boost Technology	<input checked="" type="checkbox"/>
Processor cores *	4	Enhanced Intel SpeedStep Technology	<input checked="" type="checkbox"/>
Processor socket *	Socket 604 (mPGA604)	Intel Trusted Execution Technology	<input checked="" type="checkbox"/>
Component for	Server/workstation	Intel Enhanced Halt State	<input checked="" type="checkbox"/>
Processor lithography *	65 nm	Intel Demand Based Switching	<input checked="" type="checkbox"/>
Processor series	Intel Xeon 7300 Series	Intel 64	<input checked="" type="checkbox"/>
Processor threads	4	Intel Virtualization Technology (VT-x)	<input checked="" type="checkbox"/>
Processor operating modes *	64-bit	Operational conditions	
Processor cache	8 MB	Maximum operating temperature	66 °C
Processor cache type	L2	Tcase	66 °C
Processor front side bus	1066 MHz	Technical details	
Thermal Design Power (TDP)	80 W	Born on date	Q3'07
Box *	<input checked="" type="checkbox"/>	Bus bandwidth	1066
Cooler included *	<input checked="" type="checkbox"/>	Bus type units	MHz
VID Voltage Range	1 - 1.5 V	Launch date	Q3'07
Stepping	G0	Processor cache	8192 KB
FSB Parity	<input checked="" type="checkbox"/>	Processor core voltage	1.0-1.5 V
Bus type	FSB	Product name	Intel Xeon E7340 (8M Cache, 2.40 GHz, 1066 MHz FSB)
CPU multiplier (bus/core ratio)	9	Product type	Processor
Processor codename	Tigerton	Status	Discontinued
Processor ARK ID	30795	Processor brand name	Intel Xeon
Power		Last change	63903513
Power requirements	1.200 - 1.350 V	Product family	Intel Xeon Processor 7000 Sequence
Features		Bus speed	1066 MHz
Execute Disable Bit	<input checked="" type="checkbox"/>	Logistics data	
Idle States	<input checked="" type="checkbox"/>	Harmonized System (HS) code	8542310001
Thermal Monitoring Technologies	<input checked="" type="checkbox"/>	Packaging data	
Market segment	Server	Package width	152 mm
Number of Processing Die Transistors	582 M	Package depth	198 mm
Processing Die size	286 mm²	Package height	141 mm
Number of Graphics & IMC Die Transistors	582 M	Package type	Retail box
Embedded options available	<input checked="" type="checkbox"/>	Weight & dimensions	
Export Control Classification Number (ECCN)	3A991.A.1	Processor package size	53.3mm x 53.3mm
Commodity Classification Automated Tracking System (CCATS)	NA		

Other features

Cache memory	8 MB
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