

## Intel BX80546KG2800FA processor 2.8 GHz 2 MB L2 Box

**Brand :** Intel

**Product code:** BX80546KG2800FP

**Product name :** BX80546KG2800FA



64-bit Intel® Xeon® Processor 2.80E GHz, 2M Cache, 800 MHz FSB  
 Intel BX80546KG2800FA. Processor family: Intel® Xeon®, Processor socket: Socket 604 (mPGA604), Processor lithography: 90 nm. Market segment: Server, Number of Processing Die Transistors: 169 M, Processing Die size: 135 mm<sup>2</sup>. Package type: Retail box. Processor package size: 42.5 x 42.5 mm

Processor		Features	
Processor manufacturer *	Intel	Export Control Classification Number (ECCN)	3A991.A.1
Processor base frequency *	2.8 GHz	Commodity Classification Automated Tracking System (CCATS)	NA
Processor family *	Intel® Xeon®	<b>Processor special features</b>	
Processor cores *	1	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor socket *	Socket 604 (mPGA604)	Intel® Turbo Boost Technology	✗
Component for	Server/workstation	Enhanced Intel SpeedStep Technology	✓
Processor lithography *	90 nm	Intel Trusted Execution Technology	✗
Processor threads	2	Intel Enhanced Halt State	✓
Processor operating modes *	64-bit	Intel Demand Based Switching	✗
Processor cache	2 MB	Intel 64	✓
Processor cache type	L2	Intel Virtualization Technology (VT-x)	✗
Processor front side bus	800 MHz	Conflict-Free processor	✗
Thermal Design Power (TDP)	110 W	<b>Operational conditions</b>	
Box *	✓	Operating temperature (T-T)	72
Cooler included *	✓	Tcase	72 °C
Processor core voltage (AC)	1.25 - 1.40 V	<b>Technical details</b>	
VID Voltage Range	1.25 - 1.4 V	Bus bandwidth	800
FSB Parity	✓	Bus type units	MHz
Bus type	FSB	Processor cache	2048 KB
CPU multiplier (bus/core ratio)	14	Product type	1
Processor codename	Irwindale	Status	Discontinued
Processor ARK ID	33103	Processor brand name	Intel Xeon
<b>Memory</b>		Last change	63903513
ECC	✗	Product family	Legacy Intel Xeon Processor
<b>Features</b>		<b>Logistics data</b>	
Execute Disable Bit	✓	Harmonized System (HS) code	8473301180
Idle States	✓	<b>Packaging data</b>	
Market segment	Server	Package type	Retail box
Number of Processing Die Transistors	169 M	<b>Weight &amp; dimensions</b>	
Processing Die size	135 mm <sup>2</sup>	Processor package size	42.5 x 42.5 mm
Embedded options available	✗		
Physical Address Extension (PAE)	32 bit		



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