

Intel Xeon BX80546KG2800FA processor 2.8 GHz 2 MB L2 Box

Brand : Intel

Product family: Xeon

Product code:
BX80546KG2800FA

Product name :
BX80546KG2800FA

64-bit Intel® Xeon® Processor 2.80E GHz, 2M Cache, 800 MHz FSB

Intel Xeon BX80546KG2800FA processor 2.8 GHz 2 MB L2 Box:



Intel Server Processors.

Powering a range of server needs, Intel server processors offer the scalable performance and advanced reliability you need for your server and data center environments.

Intel® Hyper-Threading Technology

Intel® Hyper-Threading Technology (Intel® HT Technology) delivers two processing threads per physical core. Highly threaded applications can get more work done in parallel, completing tasks sooner.

Intel Xeon 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 mm². Package type: Retail box. Processor package size: 42.5 x 42.5 mm. Cache memory: 2 MB

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®	Processor special features	
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 series	Intel Xeon 800 MHz FSB	Intel Enhanced Halt State	✓
Processor threads	2	Intel Demand Based Switching	✗
Processor operating modes *	64-bit	Intel 64	✓
Processor cache	2 MB	Intel Virtualization Technology (VT-x)	✗
Processor cache type	L2	Operational conditions	
Processor front side bus	800 MHz	Operating temperature (T-T)	72
Thermal Design Power (TDP)	110 W	Tcase	72 °C
Box *	✓	Technical details	
Cooler included *	✓	Bus bandwidth	800
Processor core voltage (AC)	1.25 - 1.40 V	Bus type units	MHz
VID Voltage Range	1.25 - 1.4 V	Processor cache	2048 KB
Compatible chipsets	Intel® E7520	Processor core voltage	1.25-1.4 V
FSB Parity	✓	Product name	64-bit Intel Xeon 2.80E GHz, 2M Cache, 800 MHz FSB
Bus type	FSB	Product type	1
CPU multiplier (bus/core ratio)	14	Status	Discontinued
Processor codename	Irwindale	Processor brand name	Intel Xeon
Processor ARK ID	33103	Last change	63903513
Memory		Product family	Legacy Intel Xeon Processor
ECC	✗	Logistics data	
Graphics		Harmonized System (HS) code	8473301180
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Market segment	Server		
Number of Processing Die Transistors	169 M		
Processing Die size	135 mm ²		

Features		Packaging data	
Number of Graphics & IMC Die Transistors	169 M	Package type	Retail box
Embedded options available	✘	Weight & dimensions	
Physical Address Extension (PAE)	32 bit	Processor package size	42.5 x 42.5 mm
Other features		Intel® Virtualization Technology (Intel® VT)	✘
		Cache memory	2 MB



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