

## Intel Xeon BX80551KG2800HA processor 2.8 GHz 4 MB L2

**Brand :** Intel

**Product family:** Xeon

**Product code:**  
NE80551KG0724MM



**Product name :**  
BX80551KG2800HA

Intel® Xeon® Processor 2.80 GHz, 4M Cache, 800 MHz FSB

[Intel Xeon BX80551KG2800HA processor 2.8 GHz 4 MB L2:](#)

CPU Cache is an area of fast memory located on the processor. Intel® Smart Cache refers to the architecture that allows all cores to dynamically share access to the last level cache

Processor Base Frequency describes the rate at which the processor's transistors open and close. The processor base frequency is the operating point where TDP is defined. Frequency is measured in gigahertz (GHz), or billion cycles per second.

Physical Address Extensions (PAE) is a feature that allows 32-bit processors to access a physical address space larger than 4 gigabytes

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.

Processor		Features	
Processor manufacturer *	Intel	Embedded options available	✗
Processor base frequency *	2.8 GHz	Physical Address Extension (PAE)	32 bit
Processor family *	Intel® Xeon®	Export Control Classification Number (ECCN)	3A991.A.1
Processor cores *	2	Commodity Classification Automated Tracking System (CCATS)	NA
Processor socket *	Socket 604 (mPGA604)	<b>Processor special features</b>	
Component for	Server/workstation	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor lithography *	90 nm	Intel® Turbo Boost Technology	✗
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor operating modes *	64-bit	Intel Trusted Execution Technology	✗
Processor cache	4 MB	Intel Enhanced Halt State	✓
Processor cache type	L2	Intel Demand Based Switching	✗
Processor front side bus	800 MHz	Intel 64	✓
Thermal Design Power (TDP)	135 W	Intel Virtualization Technology (VT-x)	✗
Box *	✗	<b>Operational conditions</b>	
Cooler included *	✗	Tcase	72 °C
VID Voltage Range	1.2875 - 1.4125 V	<b>Technical details</b>	
Stepping	A0	Bus bandwidth	800
FSB Parity	✓	Bus type units	MHz
Bus type	FSB	Processor cache	4096 KB
CPU multiplier (bus/core ratio)	14	Product type	1
Processor codename	Paxville	Status	Discontinued
Processor code	SL634	Processor brand name	Intel Xeon
Processor ARK ID	27202	Last change	63903513
<b>Memory</b>		Product family	Legacy Intel Xeon Processor
ECC	✗	<b>Logistics data</b>	
<b>Graphics</b>		Harmonized System (HS) code	8473301180
On-board graphics card *	✗	<b>Packaging data</b>	
<b>Features</b>		Package type	Retail box
Execute Disable Bit	✓		
Idle States	✓		
Market segment	Server		
Number of Processing Die Transistors	230 M		
Processing Die size	206 mm²		

**Features**

Physical Address Extension (PAE) ✓

**Weight & dimensions**

Processor package size 53.3mm x 53.3mm



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