



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Intel Xeon E3-1225

General information

Type	CPU / Microprocessor
Market segment	Server
Family	Intel Xeon E3-1200
Model number	E3-1225
CPU part number	CM8062307262304 (SR00G)
Box part number	BX80623E31225 (SR00G)
Frequency (MHz)	3100
Package	1155-land Flip-Chip Land Grid Array
Socket	Socket 1155 (Socket H2)

Architecture / Microarchitecture

Microarchitecture	Sandy Bridge
Platform	Bromolow
Manufacturing process	0.032 micron High-K metal gate process
Data width	64 bit
Number of cores	4
Floating Point Unit	Integrated
Level 2 cache size	4 x 256 KB
Level 3 cache size	6 MB
Multiprocessing	Uniprocessor
Features	<ul style="list-style-type: none">• MMX instruction set• SSE• SSE2• SSE3• Supplemental SSE3• SSE4.1• SSE4.2• AES instructions• Advanced Vector Extensions• Extended Memory 64 technology (EM64T)• Execute disable bit• Virtualization technology• Turbo Boost technology• Trusted Execution technology
On-chip peripherals	<ul style="list-style-type: none">• Integrated DDR3 SDRAM Memory controller• HD graphics controller

Electrical/Thermal parameters

Thermal Design Power (W)	95
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Notes on Intel CM8062307262304

- Memory controller supports DDR3-800, DDR3-1066 and DDR3-1333 memory