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Intel® Core™2 Processor with vPro™ Technology

Intel® Core™2 Processor with Viiv™ Technology

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Available Configurations

Intel® Desktop Board DP45SG

The table below lists the configurations applicable to the Intel® Desktop Board DP45SG.

Features	BOX/BLKDP45SG/
Board series	Extreme series
BIOS ID string	SGP4510H.86A
AA# (Altered Assembly)	E27733 -xxx
Processor	Intel® Core™2 Extreme processor, Intel® Core™2 Quad processor, Intel® Core™2 Duo processor, Intel® Pentium® processor, Intel® Celeron® processor, Intel® Celeron® 400 Sequence processor
Performance (04B/05B)/Mainstream (04A/05A) vreg support	05A, 05B, 06
FSB support	1333/1066/800 MHz
Processor socket	LGA775
Chipset	Intel® P45
Integrated graphics	No
Form factor	ATX
Memory - maximum supported	16 GB ¹
Memory frequency (refer to TPS for configuration requirements)	Dual Channel DDR3 1333/1066/800 MHz
Audio	Intel® High Definition Audio
S/PDIF	1 optical
LAN controller	Gigabit (10/100/1000 Mbits/sec) LAN Subsystem using the Intel® 82567LF Gigabit Ethernet Controller
USB connectors	12
PCI slots	3
PCI Express* x16	2
PCI Express x4	N/A
PCI Express x1	2
SATA (ports)	5
eSATA (ports)	1
PATA (ports)	N/A
IEEE - 1394a ports	2
TPM	no
Intel® Matrix Storage Technology (RAID)	yes
Hyper -Threading Technology support	no
Intel® Express BIOS Update	yes
Intel® Active Management Technology	no
Legacy support	no
3 year limited warranty ²	yes

¹ System resources and hardware (such as PCI and PCI Express*) require physical memory address locations that can reduce available addressable system memory. This could result in a reduction of as much as 1GB or more of physical addressable memory being available to the operating system and applications, depending on the system configuration and operating system.

² Offered with Boxed Intel® Desktop Boards

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