

I45D

Intel 945GC Based LGA775 ATX Mainboard,
FSB1333, Dual DDR2 667, 10/100, SATA, HD 5.1, Vista Premium HW Ready



CPU

- LGA775 Socket for Intel® Core 2 Duo/ Pentium Dual-Core/ Pentium D/ Pentium 4/ Celeron D Processors with 1333*/ 1066/ 800/ 533MHz FSB

*(FSB1333 CPU will operate in over-clocking mode.

Under this situation, PCIE frequency will also be over-clocked to 115MHz.)

- Supports Intel® Hyper-Threading Technology

Chipset

- Intel® 945GC / ICH7 Chipset

Memory

- 2 x 240-pin DIMM sockets support max. memory capacity 4GB*

*(Due to the chipset limitation, the actual memory size may be less than 4GB for the reservation of system usage under Windows® XP and Windows® Vista™)

- Supports Dual channel DDR2 667/ 533*/ 400 Un-buffered Non-ECC memory

*(Due to the chipsets' limitation, when using FSB1333 CPU, the DDR2 533 memory module will run at 500MHz.)

LAN

- On board 10/100 Ethernet controller supports

Audio

- On board 5.1 CH HD Audio CODEC

IEEE1394 (Co-Layout)

- On board PCI IEEE1394 Controller (optional)

Expansion Slots

- 1 x PCI-E X16, 1x PCI-E X1, 3 x PCI

Internal I/O

- 1 x Floppy Port supports up to 2.88 MB
- 1 x ATA 100 IDE connector
- 4 x SATA 3Gb/s connectors
- 2 x USB header (support 4 ports)
- 1 x FP-Audio

Back Panel I/O

- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
- 5.1 CH Audio connector
- 4 x USB 2.0, 1 x RJ-45 LAN connector

Serial ATA

- 4 x SATA 3Gb/s offer by Intel® ICH7

Form Factor

- ATX form factor 305 x 183mm
- PCB Color: Orange

RoHS

- 100% lead-free process and RoHS Compliant

Back IO Placement:

PS/2 Mouse						Line In		LAN
						Line Out	USB	USB
PS/2 KB						MIC	USB	USB

Model list

	Chipset	LAN	Audio	IEEE1394	Remark	SVID	SSID	EAN	UPC
I45D	Intel 945GC ICH7	10/100	HD 5.1 CH		Default	147B	1092	4710933355080	843323001015
I45D (A)		10/100	HD 7.1 CH		Reserve	147B	1093	--	--
I45D (B)		GbE	HD 5.1 CH		Reserve	147B	1094	--	--
I45D (C)		GbE	HD 7.1 CH		Reserve	147B	1095	--	--
I45D (D)		10/100	HD 5.1 CH	V	Reserve	147B	1096	--	--
I45D (E)		10/100	HD 7.1 CH	V	Reserve	147B	1097	--	--
I45D (F)		GbE	HD 5.1 CH	V	Reserve	147B	1098	--	--
I45D (G)		GbE	HD 7.1 CH	V	Reserve	147B	1099	--	--