

Gigabyte GA-EP45 DS3 Motherboard Socket

MYR268.00



CPU Support for an Intel® Core™ 2 Extreme processor/ Intel® Core™ 2 Quad processor/Intel® Core™ 2 Duo processor/ Intel® Pentium® Dual-Core processor/Intel® Celeron® processor in the LGA 775 package
(Note) This motherboard is designed with VRD11.1 power phase, and cannot be compatible with VRD10 designed CPU. Please refer to "CPU Support List" for details.

L2 cache varies with CPU

Front Side Bus 1600/1333/1066/800 MHz FSB

Chipset North Bridge: Intel® P45 Express Chipset

South Bridge: Intel® ICH10

Memory 4 x 1.8V DDR2 DIMM sockets supporting up to 16 GB of system memory

Dual channel memory architecture

Support for DDR2 1333+/1066/800/667 MHz memory modules

(Refer to Memory support list for more information)

Audio Realtek ALC889A codec

High Definition Audio

2/4/5.1/7.1-channel

Support for S/PDIF In/Out

Support for CD In

LAN 2 x Realtek 8111C chips (10/100/1000 Mbit)

Support for Teaming

Expansion Slots 1 x PCI Express x16 slot, running at x16

1 x PCI Express x16 slot, running at x8

(The PCIEx16 and PCIEx8 slots support ATI CrossFireX technology and conform to PCI Express 2.0 standard.)

3 x PCI Express x1 slot

2 x PCI slots

Storage Interface South Bridge:

6 x SATA 3Gb/s connectors (SATAII0, SATAII1, SATAII2, SATAII3, SATAII4, SATAII5) supporting up to 6 SATA 3Gb/s devices

JMicron 368 chip:

1 x IDE connector supporting ATA-133/100/66/33 and up to 2 IDE devices

ITE8718 chip:

1 x floppy disk drive connector supporting up to 1 floppy disk drive

IEEE 1394a T.I. TSB43AB23 chip

Up to 3 IEEE 1394a ports

(2 on the back panel, 1 via the IEEE 1394a bracket connected to the internal IEEE 1394a header)

USB Integrated in the South Bridge

Up to 12 USB 2.0/1.1 ports

(8 on the back panel, 4 via the USB brackets connected to the internal USB headers)

Internal I/O Connectors 1 x 24-pin ATX main power connector

1 x 8-pin ATX 12V power connector

1 x floppy disk drive connector

1 x IDE connector

6 x SATA 3Gb/s connectors

1 x CPU fan header

2 x system fan headers

1 x power fan header

1 x front panel header

1 x front panel audio header

1 x CD In connector

1 x S/PDIF In header

1 x S/PDIF Out header

2 x USB 2.0/1.1 headers

1 x IEEE 1394a header

1 x parallel port header

1 x serial port header

1 x power LED header

1 x chassis intrusion header

Back Panel Connectors 1 x PS/2 mouse port

1 x PS/2 keyboard/mouse port

1 x optical S/PDIF Out connector

1 x coaxial S/PDIF Out connector

8 x USB 2.0/1.1 ports

2 x IEEE 1394a ports

2 x RJ-45 ports

6 x audio jacks (Center/Subwoofer Speaker Out/Rear Speaker Out/Side Speaker Out/Line In/Line Out/Microphone)

I/O Controller iTE IT8718 chip

H/W Monitoring System voltage detection

CPU/System temperature detection

CPU/System/Power fan speed detection

CPU overheating warning

CPU/System/Power fan fail warning

CPU/System fan speed control

BIOS 2 x 8 Mbit flash

Use of licensed AWARD BIOS

Support for DualBIOS™

PnP 1.0a, DMI 2.0, SM BIOS 2.4, ACPI 1.0b

Unique Features Support for @BIOS

Support for Q-Flash

Support for Dual BIOS

Support for Download Center

Support for Xpress Install

Support for Xpress Recovery2

Support for EasyTune

Support for Dynamic Energy Saver Advanced

Support for Time Repair

Support for Q-Share

Bundle Software Norton Internet Security (OEM version)

Operating System Support for Microsoft/ Windows/ Vista/XP

Form Factor ATX Form Factor; 30.5cm x 24.4cm

Note To enable Teaming or Bonding (IEEE 802.3ad Link Aggregation) feature, it is required the connected network switch or router device supports 802.3.ad LACP function.

Please refer to your network switch or router device manual for further details.

Remark Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.

Due to most hardware/software vendors no longer offer support for Win9X/ME. If some vendors still has Win9X/ME drivers available, we will publish on website.

[Vendor Information](#)

Customer Reviews: There are yet no reviews for this product.

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