[root@zhuangdizhu2 ~]# dmesg |grep -E 'IOMMU'

Intel-IOMMU: enabled

[root@zhuangdizhu1 ~]# lscpu

Architecture: x86\_64

CPU op-mode(s): 32-bit, 64-bit

Byte Order: Little Endian

CPU(s): 8

On-line CPU(s) list: 0-7

Thread(s) per core: 2

Core(s) per socket: 4

Socket(s): 1

NUMA node(s): 1

Vendor ID: GenuineIntel

CPU family: 6

Model: 58

Stepping: 9

CPU MHz: 3510.333

BogoMIPS: 7020.66

Virtualization: VT-x

L1d cache: 32K

L1i cache: 32K

L2 cache: 256K

L3 cache: 8192K

NUMA node0 CPU(s): 0-7

[root@zhuangdizhu1 ~]# dmidecode -t bios

# dmidecode 2.12

SMBIOS 2.7 present.

Handle 0x0000, DMI type 0, 24 bytes

BIOS Information

Vendor: American Megatrends Inc.

**Version: 1104**

Release Date: 08/23/2013

Address: 0xF0000

Runtime Size: 64 kB

ROM Size: 8192 kB

Characteristics:

PCI is supported

BIOS is upgradeable

BIOS shadowing is allowed

Boot from CD is supported

Selectable boot is supported

BIOS ROM is socketed

EDD is supported

5.25"/1.2 MB floppy services are supported (int 13h)

3.5"/720 kB floppy services are supported (int 13h)

3.5"/2.88 MB floppy services are supported (int 13h)

Print screen service is supported (int 5h)

8042 keyboard services are supported (int 9h)

Serial services are supported (int 14h)

Printer services are supported (int 17h)

ACPI is supported

USB legacy is supported

BIOS boot specification is supported

Targeted content distribution is supported

UEFI is supported

BIOS Revision: 4.6

Handle 0x006C, DMI type 13, 22 bytes

BIOS Language Information

Language Description Format: Long

Installable Languages: 8

en|US|iso8859-1

fr|FR|iso8859-1

es|ES|iso8859-1

de|DE|iso8859-1

ru|RU|iso8859-5

ja|JP|unicode

zh|TW|unicode

zh|CN|unicode

Currently Installed Language: en|US|iso8859-1

[root@zhuangdizhu2 ~]# dmidecode -t baseboard

# dmidecode 2.12

SMBIOS 2.7 present.

Handle 0x0002, DMI type 2, 15 bytes

Base Board Information

**Manufacturer: ASUSTeK COMPUTER INC.**

**Product Name: P8Z77-V LK**

Version: Rev X.0x

Serial Number: 130713616602415

Asset Tag: To be filled by O.E.M.

Features:

Board is a hosting board

Board is replaceable

Location In Chassis: To be filled by O.E.M.

Chassis Handle: 0x0003

Type: Motherboard

Contained Object Handles: 0

Handle 0x002A, DMI type 10, 6 bytes

On Board Device Information

Type: Ethernet

Status: Enabled

Description: Onboard Ethernet

Handle 0x005C, DMI type 41, 11 bytes

Onboard Device

Reference Designation: Onboard IGD

Type: Video

Status: Enabled

Type Instance: 1

Bus Address: 0000:00:02.0

Handle 0x005D, DMI type 41, 11 bytes

Onboard Device

Reference Designation: Onboard LAN

Type: Ethernet

Status: Enabled

Type Instance: 1

Bus Address: 0000:00:19.0

Handle 0x005E, DMI type 41, 11 bytes

Onboard Device

Reference Designation: Onboard 1394

Type: Other

Status: Enabled

Type Instance: 1

Bus Address: 0000:03:1c.2