ASUS P8B75-V Intel B75 LGA 1155 (Socket H2) ATX

Brand : ASUS

Product name : P8B75-V

Product code: 90-MIBIG0-G0EAY0KZ
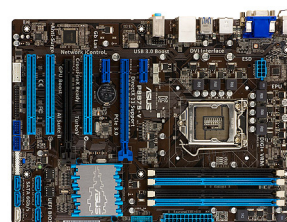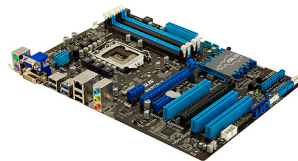
P8B75-V, LGA 1155, Intel B75, 4 x DDR3 1600MHz, Intel HD Graphics, 2 x PCI Express (QuadGPU CrossFireX, LucidLogix Virtu MVP), 5 x SATA 3.0Gb/s, 1 x SATA 6.0Gb/s, UEFI BIOS, ATX

ASUS P8B75-V Intel B75 LGA 1155 (Socket H2) ATX:

Digital power design, ultimate graphics, and Intel® Small Business Administration utility on the B75 platform.

- DIGI+ VRM - Digital power control: digital power Design for the CPU and iGPU
- GPU Boost - Instant iGPU Level Up!
- USB3.0 Boost - Lightning Fast Transfer Speeds!
- Network iControl - Real-time Network Bandwidth Control!
- LucidLogix® Virtu MVP - Up to 60% Hybrid Graphics Boost !
- Intel SBA Support - Unique security and productivity capabilities designed for small businesses!

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1155 (Socket H2)
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7
Maximum number of SMP processors	1
System bus data transfer rate	5 GT/s

Memory

Supported memory types *	DDR3-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Memory voltage	1.5 V
ECC compatibility	Non-ECC
Supported memory clock speeds	1066,1333,1600,1800,1866,2000,2133,2200 MHz
Memory, maximum *	32 GB
Supported memory module capacities	16GB, 1GB, 2GB, 4GB, 8GB

Storage controllers

Supported storage drive interfaces *	SATA II, SATA III

Graphics

Maximum graphics card memory	1696 MB
Parallel processing technology support *	2-Way CrossFireX, LucidLogix Virtu, Quad-GPU CrossFireX
On-board graphics card	✔
Graphics card family	Intel
Graphics card	HD Graphics
Maximum resolution	2048 x 1536 pixels
HDCP	✔

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	2
VGA (D-Sub) ports quantity *	1
DVI-D ports quantity *	1
Headphone outputs	3
Microphone in	✔
S/PDIF out port	✗

Network

Ethernet LAN connection	✔
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111E
Wake-on-LAN ready	✔
Wi-Fi *	✗
Wi-Fi standards	Not supported
Bluetooth	✗
Network interface	Gigabit LAN

Features

Chipset *	Intel B75
Audio chip	Realtek ALC887-VD2
Audio output channels *	7.1 channels
PC health monitoring	CPU, Fan, Temperature
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Cooling type	Passive

Graphics

OpenGL version	3.2
DirectX version	11
Discrete graphics support	✔

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	1
Number of SATA II connectors	5
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
Number of COM connectors	1
Parallel connector	✔

Rear panel I/O ports

USB 2.0 ports quantity *	4

Features

Power source type	ATX

Expansion slots

PCI Express x1 (Gen 2.x) slots	2
PCI Express x16 (Gen 2.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI slots	3
PCI Express slots version	2.0, 3.0
PCI Express configurations	1x4, 1x16

BIOS

BIOS type *	EFI AMI
BIOS memory size	64 Mbit
ACPI version	2.0a
Clear CMOS jumper	✔

Weight & dimensions

Width	305 mm
Depth	219 mm

Packaging content

Cables included	SATA
Drivers included	✔

Other features

Dual Link DVI	✔
Quick installation guide	✔

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