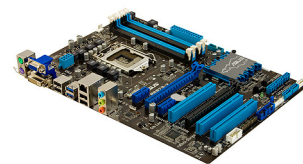


ASUS P8B75-V Intel B75 LGA 1155 (Socket H2) ATX

Brand : ASUS

Product code: 90-MIBIG0-G0EAY0KZ

Product name : P8B75-V

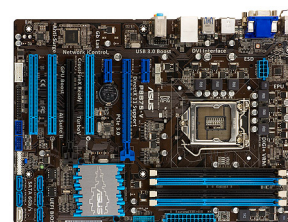


P8B75-V, LGA 1155, Intel B75, 4 x DDR3 1600MHz, Intel HD Graphics, 2 x PCI Express (QuadGPU CrossFireX, LucidLogix Virtu MVP), 5 x SATA 3.0Gb/s, 1 x SATA 6.0Gb/s, UEFI BIOS, ATX

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		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	LGA 1155 (Socket H2)	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7	PS/2 ports quantity	2
Maximum number of SMP processors	1	VGA (D-Sub) ports quantity *	1
System bus rate	5 GT/s	DVI-D ports quantity *	1
Memory		Headphone outputs	3
Supported memory types *	DDR3-SDRAM	Microphone in	✓
Number of memory slots *	4	S/PDIF out port	✗
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
Memory voltage	1.5 V	Ethernet interface type	Gigabit Ethernet
ECC compatibility	Non-ECC	LAN controller	Realtek RTL8111E
Supported memory clock speeds	1066,1333,1600,1800,1866,2000,2133,2200 MHz	Wake-on-LAN ready	✓
Maximum internal memory *	32 GB	Wi-Fi *	✗
Supported memory module capacities	16GB, 1GB, 2GB, 4GB, 8GB	Wi-Fi standards	Not supported
Storage controllers		Bluetooth	✗
Supported storage drive interfaces *	SATA II, SATA III	Networking features	Gigabit LAN
Graphics		Features	
Maximum graphics card memory	1696 MB	Motherboard chipset *	Intel B75
Parallel processing technology support *	2-Way CrossFireX, LucidLogix Virtu, Quad-GPU CrossFireX	Audio chip	Realtek ALC887-VD2
On-board graphics card	✓	Audio output channels *	7.1 channels
Graphics card family	Intel	PC health monitoring	CPU, Fan, Temperature
Graphics card	HD Graphics	Component for *	PC
Maximum resolution	2048 x 1536 pixels	Motherboard form factor *	ATX
HDCP	✓	Motherboard chipset family *	Intel
		Cooling type	Passive

Graphics		Features	
OpenGL version	3.2	Power source type	ATX
DirectX version	11	Expansion slots	
Discrete graphics support	✓	PCI Express x1 (Gen 2.x) slots	2
Internal I/O		PCI Express x16 (Gen 2.x) slots	1
USB 2.0 connectors *	2	PCI Express x16 (Gen 3.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI slots	3
Number of SATA III connectors *	1	PCI Express slots version	2.0, 3.0
Number of SATA II connectors	5	PCI Express configurations	1x4, 1x16
S/PDIF out connector	✓	BIOS	
Front panel audio connector	✓	BIOS type *	EFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	64 Mbit
CPU fan connector	✓	ACPI version	2.0a
Number of chassis fan connectors	2	Clear CMOS jumper	✓
EPS power connector (8-pin)	✓	Weight & dimensions	
Number of COM connectors	1	Width	305 mm
Parallel connector	✓	Depth	219 mm
Rear panel I/O ports		Packaging content	
USB 2.0 ports quantity *	4	Cables included	SATA
		Drivers included	✓
		Other features	
		Dual Link DVI	✓
		Quick installation guide	✓



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