/ISUS

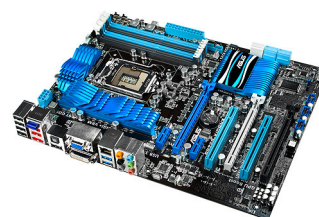# ASUS P8Z68-V/GEN3 motherboard Intel Z68 LGA 1155 (Socket H2) ATX

Brand : ASUS

Article code: P8Z68-V/GEN3

Product name : P8Z68-V/GEN3

P8Z68-V/GEN3 - Intel Socket 1155, 4 x DIMM Max. 32GB DDR3 2200/2133/1866/1600/1333/1066 MHz Non-ECC, 2 x PCIe 3.0/2.0 x16, 1 x PCIe 2.0 x16, 2 x PCIe x1, 2 x PCI, SATA 6Gb/s, SATA 3Gb/s, Gigabit LAN, Bluetooth V2.1+EDR, Realtek® ALC892 8-Ch., ATX
ASUS P8Z68-V/GEN3. Processor manufacturer: Intel, Processor socket: LGA 1155 (Socket H2), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR3-SDRAM, Maximum internal memory: 32 GB, Memory channels: Dual-channel. Supported storage drive interfaces: SATA II, SATA III, RAID levels: 0, 1, 5, 10. Parallel processing technology support: Quad-GPU CrossFireX, Quad-GPU SLI, Maximum graphics card memory: 1748 MB. Ethernet interface type: Gigabit Ethernet, LAN controller: Intel® 82579, Bluetooth version: 2.1+EDR

Processor	
Processor manufacturer *	Intel
Processor socket *	LGA 1155 (Socket H2)
Compatible processor series *	Intel® Celeron®, Intel® Pentium®

Memory	
Supported memory types *	DDR3-SDRAM
Number of memory slots *	4
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	1066,1333,1600,1866,2133,2200 MHz
Maximum internal memory *	32 GB

Storage controllers	
Supported storage drive interfaces *	SATA II, SATA III
RAID levels	0, 1, 5, 10

Graphics	
Maximum graphics card memory	1748 MB
Parallel processing technology support *	Quad-GPU CrossFireX, Quad-GPU SLI
On-board graphics card	✔

Internal I/O	
USB 2.0 connectors *	3
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	2
Number of SATA II connectors	4
S/PDIF out connector	✔
Front panel audio connector	✔

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
eSATA ports quantity	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
DVI-D ports quantity *	1
Headphone outputs	1
Microphone in	✔
S/PDIF out port	✔

Network	
Ethernet interface type	Gigabit Ethernet
LAN controller	Intel® 82579
Bluetooth	✔
Bluetooth version	2.1+EDR

Features	
Motherboard chipset *	Intel Z68
Audio chip	Realtek ALC892
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Power source type	ATX

Expansion slots	
PCI Express x1 slots	2
PCI Express x16 slots	3
PCI slots	2

Internal I/O

ATX Power connector (24-pin)	✔
Number of EATX power connectors	1
Power fan connector	✔
CPU fan connector	✔
Number of chassis fan connectors	2

Rear panel I/O ports

USB 2.0 ports quantity *	6

BIOS

BIOS type *	UEFI
BIOS memory size	64 Mbit
ACPI version	2.0a

Weight & dimensions

Width	12" (305 mm)
Depth	9.61" (244 mm)

Packaging content

Cables included	SATA
Drivers included	✔

Other features

Controller 2nd interface type	JMicron JMB362
Controller interface type	Intel Z68

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