ASUS Maximus V GENE Intel Z77 LGA 1155 (Socket H2) micro ATX

Brand : ASUS

Product name : Maximus V GENE

Product code: 90-MIBI20-G0EAY0VZ
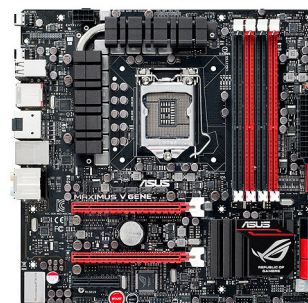

Maximus V GENE, LGA 1155, Intel Z77, 4 x DDR3 2600+MHz, Intel HD Graphics, 2 x PCIe3.0 x16 (2-Way SLI, 2-Way CrossFireX, LucidLogix Virtu MVP), 2 x SATA 3.0Gb/s, 4 x SATA 6.0Gb/s, ROG Connect, EFI BIOS, mATX

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Micro ATX Z77 gaming board powered up with exclusive audio/network features.

- LGA1155 socket for 3rd generation Intel® Core™ processor-based platform and 2nd Generation Core™ i7/ i5/ i3/ Pentium® / Celeron® Processors.
- Intel® Z77 Express Chipset.
- SupremeFX III - Supreme Sound.
- GameFirst / Intel Gb LAN – Frag Without Lag.
- mPCIe Combo – Give Your PC A Power Up!
- NIVIDIA® SLI™ / AMD CrossFireX™ Technology Support.
- LucidLogix Virtu MVP - Up to 60% Hybrid Graphics Boost.

Processor	
Processor manufacturer *	Intel
Processor socket *	LGA 1155 (Socket H2)
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7
System bus rate	5 GT/s

Memory	
Supported memory types *	DDR3-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	1066,1333,1600,1866,2133,2600,2800 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	1696 MB
Parallel processing technology support *	2-Way CrossFireX, 2-Way SLI, LucidLogix Virtu
On-board graphics card	✔
Graphics card family	Intel
Graphics card	HD Graphics
Maximum resolution	2560 x 1600 pixels
HDCP	✔
OpenGL version	3.2
DirectX version	11

Rear panel I/O ports	
Ethernet LAN (RJ-45) ports *	1
eSATA ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4
DisplayPorts quantity	1
Headphone outputs	6
Microphone in	✔
S/PDIF out port	✔

Network	
Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
LAN controller	Vitesse VSC8601
Wi-Fi *	✘
Bluetooth	✘
Networking features	10/100/1000 Mbit/sec

Features	
Motherboard chipset *	Intel Z77
Audio output channels *	7.1 channels
PC health monitoring	CPU, Fan, LED, Temperature
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Cooling type	Passive
Power source type	ATX

Expansion slots	
PCI Express x1 slots	1
PCI Express x4 slots	1

Graphics

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 *	4
Number of SATA II connectors	2
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	3
Chassis intrusion connector	✔
EPS power connector (8-pin)	✔

Rear panel I/O ports

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4

Expansion slots

PCI Express x16 slots	2
PCI Express slots version	2.0, 3.0
PCI Express configurations	1x16, 2x8

BIOS

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

Weight & dimensions

Width	244 mm
Depth	244 mm

Packaging content

Cables included	SATA
Drivers included	✔

Other features

Dual Link DVI	✘
Controller 2nd interface type	ASMedia PCIe SATA
Controller interface type	Intel Z77
Quick installation guide	✔

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