

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

Brand : ASUS

Product code: 90-MIBI20-G0EAY0VZ

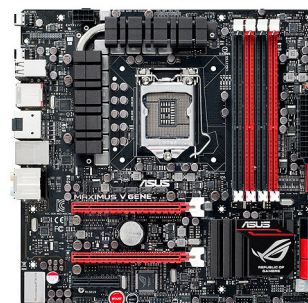
Product name : Maximus V GENE

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

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

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!
- NVIDIA® SLI™ / AMD CrossFireX™ Technology Support.
- LucidLogix Virtu MVP - Up to 60% Hybrid Graphics Boost.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1155 (Socket H2)	eSATA ports quantity	1
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7	HDMI ports quantity *	1
System bus rate	5 GT/s	HDMI version	1.4
Memory		DisplayPorts quantity	1
Supported memory types *	DDR3-SDRAM	Headphone outputs	6
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	Network	
ECC compatibility	Non-ECC	Ethernet LAN	✓
Supported memory clock speeds	1066,1333,1600,1866,2133,2600,2800 MHz	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	32 GB	LAN controller	Vitesse VSC8601
Storage controllers		Wi-Fi *	✗
Supported storage drive interfaces *	SATA II, SATA III	Bluetooth	✗
RAID levels	0, 1, 5, 10	Networking features	10/100/1000 Mbit/sec
Graphics		Features	
Maximum graphics card memory	1696 MB	Motherboard chipset *	Intel Z77
Parallel processing technology support *	2-Way CrossFireX, 2-Way SLI, LucidLogix Virtu	Audio output channels *	7.1 channels
On-board graphics card	✓	PC health monitoring	CPU, Fan, LED, Temperature
Graphics card family	Intel	Component for *	PC
Graphics card	HD Graphics	Motherboard form factor *	micro ATX
Maximum resolution	2560 x 1600 pixels	Motherboard chipset family *	Intel
HDCP	✓	Cooling type	Passive
OpenGL version	3.2	Power source type	ATX
DirectX version	11	Expansion slots	
		PCI Express x1 slots	1
		PCI Express x4 slots	1

Graphics		Expansion slots	
Discrete graphics support	✓	PCI Express x16 slots	2
Internal I/O		PCI Express slots version	2.0, 3.0
USB 2.0 connectors *	2	PCI Express configurations	1x16, 2x8
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
Number of SATA III connectors *	4	BIOS type *	EFI AMI
Number of SATA II connectors	2	BIOS memory size	64 Mbit
S/PDIF out connector	✓	ACPI version	2.0a
Front panel audio connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Clear CMOS button	✓
CPU fan connector	✓	Weight & dimensions	
Number of chassis fan connectors	3	Width	244 mm
Chassis intrusion connector	✓	Depth	244 mm
EPS power connector (8-pin)	✓	Packaging content	
Rear panel I/O ports		Cables included	SATA
USB 2.0 ports quantity *	4	Drivers included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Other features	
		Dual Link DVI	✗
		Controller 2nd interface type	ASMedia PCIe SATA
		Controller interface type	Intel Z77
		Quick installation guide	✓

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