

ASUS GRYPHON Z97 motherboard Intel® Z97 LGA 1150 (Socket H3) micro ATX

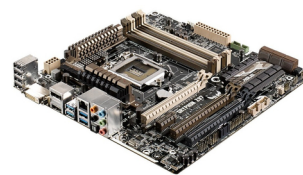
Brand : ASUS

Product code: GRYPHON Z97

Product name : GRYPHON Z97

Intel Z97, Socket 1150, 4 x DIMM, PCIe, SATA 6Gb/s, Gigabit LAN, 8-Ch HD Audio, USB 3.0/2.0, DVI-D, DisplayPort, HDMI, Optical S/PDIF out, 5 x Audio jacks, UEFI AMI BIOS, mATX

ASUS GRYPHON Z97. Processor manufacturer: Intel, Processor socket: LGA 1150 (Socket H3), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR3-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, RAID levels: 0, 1, 5, 10. Parallel processing technology support: Quad-GPU CrossFireX, Quad-GPU SLI, Maximum graphics card memory: 512 MB, Graphics card family: Intel. Ethernet interface type: Gigabit Ethernet, LAN controller: Intel® I218-V



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	DVI-D ports quantity *	1
Processor socket *	LGA 1150 (Socket H3)	DisplayPorts quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Pentium®	Microphone in	✓
Maximum number of SMP processors	1	S/PDIF out port	✓
Intel® Core i3/i5/i7/i9 series	i3-4xxx, i5-4xxx, i7-4xxx	Digital audio optical out	1
Memory		Network	
Supported memory types *	DDR3-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	LAN controller	Intel® I218-V
Memory channels	Dual-channel	Wake-on-LAN ready	✓
ECC compatibility	Non-ECC	Features	
Supported memory clock speeds	1333,1600,1866 MHz	Motherboard chipset *	Intel® Z97
Maximum internal memory *	32 GB	Audio chip	Realtek ALC892
Unbuffered memory	✓	Audio output channels *	7.1 channels
Storage controllers		Component for *	PC
Supported storage drive interfaces *	SATA III	Motherboard form factor *	micro ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	Intel
Graphics		Cooling type	Passive
Maximum graphics card memory	512 MB	Power source type	ATX
Parallel processing technology support *	Quad-GPU CrossFireX, Quad-GPU SLI	Windows operating systems supported	Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64
Graphics card family	Intel		
Maximum resolution	4096 x 2160 pixels		
Discrete graphics support	✓		
Number of displays supported	3		
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
Number of SATA III connectors *	6		
S/PDIF out connector	✓		

Internal I/O		Features	
Front panel audio connector	✓	Overclocking features	8 +2 Digital Phase Power Design TUF Components (New Alloy Choke, Ti-Cap. & MOSFET; certified by military-standard) ASUS DIGI+ Power Control Utility TUF Thermal Radar 2 TUF ICe TUF ESD Guards MemOK! AI Suite 3 Ai Charger USB Charger+ Anti-Surge ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface USB 3.0 Boost Disk Unlocker Turbo LAN Media Streamer ASUS CrashFree BIOS 3 ASUS EZ Flash 2 ASUS UEFI BIOS EZ Mode Multi-language BIOS Push Notice ASUS Q-Shield ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED) ASUS Q-Slot ASUS Q-DIMM ASUS Q-Connector
Number of EATX power connectors	1		
Power fan connector	✓		
CPU fan connector	✓		
Number of chassis fan connectors	4		
Chassis intrusion connector	✓		
TPM connector	✓		
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		
Ethernet LAN (RJ-45) ports *	1		
HDMI ports quantity *	1		
Expansion slots			
PCI Express x1 slots		1	
PCI Express x16 (Gen 2.x) slots		1	
PCI Express x16 (Gen 3.x) slots		2	
BIOS			
BIOS type *		UEFI AMI	
BIOS memory size		64 Mbit	
ACPI version		5.0	
Clear CMOS jumper		✓	
Weight & dimensions			
Width		244 mm	
Depth		244 mm	
Packaging content			
Cables included		SATA	
Drivers included		✓	
Bundled software		Anti-virus software (OEM version) ASUS/TUF CPU-Z ASUS Utilities EZ Update	
Other features			
Quick installation guide		✓	

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