

P8Z68 DELUXE

Die perfekte Plattform für Intel® Z68 - volle Unterstützung von beschleunigter Videokodierung und Umschaltung zwischen iGPU und dedizierter Grafikkarte

- Dual Intelligent Processors 2-Technologie inklusive DIGI+ VRM
- UEFI BIOS (EZ Modus) - Die flexible und einfache BIOS-Benutzeroberfläche
- LucidLogix® Virtu – Automatische Umschaltung zwischen integrierter Grafik und AMD/NVIDIA Grafikkarten
- Intel® Smart Response Technology – SSD Geschwindigkeit mit Festplattenkapazität
- BT GO! (Bluetooth) - Unendliche Möglichkeiten mit der neuen Bluetooth-Technologie
- Quad USB 3.0- & SATA 6Gb/s-Unterstützung - doppelt so viele Anschlüsse, doppelter Nutzen
- Quad-GPU SLI™ und Quad-GPU CrossFireX™-Unterstützung



Spezifikationen

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	Intel® Socket 1155 for 2 nd Generation Core™ i7/Core™ i5/Core™ i3 Processors
CPU	Supports Intel® 32 nm CPU Supports Intel® Turbo Boost Technology 2.0 * The Intel® Turbo Boost Technology 2.0 support depends on the CPU types. * Refer to www.asus.com for CPU support list
Chipset	Intel® Z68
Memory	4 x DIMM, Max. 32GB, DDR3 2200(O.C.)/2133(O.C.)/1866(O.C.)/1600/1333/1066 Hz Non-ECC, Un-buffered Memory Dual Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) * Hyper DIMM support is subject to the physical characteristics of individual CPUs. * Refer to www.asus.com or user manual for the Memory QVL (Qualified Vendors Lists). * Due to CPU behavior, DDR3 2200/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.
Multi-GPU Support	Supports NVIDIA® Quad-GPU SLI™ Technology Supports AMD Quad-GPU CrossFireX™ Technology Supports LucidLogix® Virtu™ Technology
Expansion Slots	2 x PCIe 2.0 x16 (x16 or dual x8) 1 x PCIe 2.0 x16 (x4 mode, black) *1 2 x PCIe 2.0 x1 2 x PCI
Storage	Intel® Z68 chipset : 2 x SATA 6Gb/s port(s), gray 4 x SATA 3Gb/s port(s), blue Support Raid 0, 1, 5, 10 Support Intel® Smart Response Technology on 2 nd generation Intel® Core™ processor family Marvell® PCIe 9128 controller : 2 x SATA 6Gb/s port(s), navy blue JMicron® JMB362 controller : *2 1 x eSATA 3Gb/s port(s), red 1 x Power eSATA 3Gb/s port(s), green
LAN	Intel® 82579, 1 x Gigabit LAN Controller(s) Realtek® 8111E , 1 x Gigabit LAN Controller(s) Dual Gigabit LAN controllers- 802.3az Energy Efficient Ethernet (EEE) appliance Intel® LAN- Dual interconnect between the Integrated LAN controller and Physical Layer (PHY)
Bluetooth	Bluetooth V2.1+EDR ASUS BT GO! Utility Realtek® ALC 889 8-Channel High Definition Audio CODEC - Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking
Audio	Audio Feature : - Absolute Pitch 192kHz/ 24-bit True BD Lossless Sound - Blu-ray audio layer Content Protection - DTS Surround Sensation UltraPC - Coaxial and Optical S/PDIF out ports at back panel

IEEE 1394	VIA® 6315N controller 2 x IEEE 1394a port(s) (1 at mid-board, 1 at back panel)
USB Ports	NEC® USB 3.0 controller : 4 x USB 3.0 port(s) (2 at back panel, blue, 2 at mid-board) Intel® Z68 chipset : 12 x USB 2.0 port(s) (8 at back panel, , 4 at mid-board)
Overclocking Features	Overclocking Protection : - ASUS C.P.R.(CPU Parameter Recall) ASUS Dual Intelligent Processors 2 with DIGI+ VRM : ASUS TPU : - Auto Tuning - TurboV - TPU switch ASUS EPU : - EPU - EPU switch ASUS Digital Power Design : - Industry leading Digital 16 Phase Power Design (12 -phase for CPU, 4 -phase for iGPU) - ASUS DIGI+ VRM Utility ASUS BT GO! : - Folder Sync - BT Transfer - Shot & Send - BT to Net - Music Player - Personal Manager ASUS BT Turbo Remote : - Exclusive Smartphone Interface supporting iPhone, Android, Windows Mobile, and Symbian systems
Special Features	ASUS Exclusive Features : - MemOK! - AI Suite II - Ai Charger - Anti-Surge - ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface ASUS Quiet Thermal Solution : - Stylish Fanless Design Heat-pipe solution - ASUS Fan Xpert ASUS EZ DIY : - ASUS Q-Shield - ASUS O.C. Tuner - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2 ASUS Q-Design : - ASUS Q-Code - ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED) - ASUS Q-Slot - ASUS Q-DIMM - ASUS Q-Connector 1 x PS/2 keyboard/mouse combo port(s) 1 x Bluetooth module(s) 1 x eSATA 3Gb/s 1 x Power eSATA 3Gb/s 1 x IEEE 1394a 2 x LAN (RJ45) port(s) 2 x USB 3.0 8 x USB 2.0 1 x Coaxial S/PDIF out 1 x Optical S/PDIF out 6 x Audio jack(s) 1 x Clear CMOS button(s) 1 x USB 3.0 connector(s) support(s) additional 2 USB 3.0 port(s) (19-pin, blue) 2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s) 4 x SATA 6Gb/s connector(s) 4 x SATA 3Gb/s connector(s) 1 x IEEE 1394a connector(s) 1 x CPU Fan connector(s) (4 -pin) 2 x Chassis Fan connector(s) (1 x 4 -pin, 1 x 3 -pin) 2 x Power Fan connector(s) (2 x 3 -pin)
Back I/O Ports	1 x S/PDIF out header(s) 1 x 24-pin EATX Power connector(s) 1 x 8-pin ATX 12V Power connector(s) 1 x Front panel audio connector(s) (AAFP) 1 x System panel(s) (Q-Connector) 1 x MemOK! button(s) 1 x TPU switch(es) 1 x EPU switch(es)
Internal I/O Ports	

	1 x Power-on button(s)
	1 x Reset button(s)
	User's manual
	ASUS Q-Shield
Accessories	2 x SATA 3Gb/s cable(s)
	4 x SATA 6Gb/s cable(s)
	1 x SLI bridge(s)
	1 x Q-connector(s) (2 in 1)
	1 x ASUS Front Panel USB 3.0 Box(es)
BIOS	64 Mb Flash ROM, EFI AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI 2.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree
	BIOS 3, F12 PrintScreen Function
Manageability	WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, PXE
	Drivers
Support Disc	ASUS Utilities
	ASUS Update
	Anti-virus software (OEM version)
Form Factor	ATX Form Factor
	12 inch x 9.6 inch (30.5 cm x 24.4 cm)
Note	*1: Compatible with PCIe x1 and x4 devices.
	*2: These SATA ports are for data hard drives only. ATAPI devices are not supported.