

Maximus IV Extreme v5.0

Note: The specifications are subject to change without notice.

CPU	LGA1155 socket for 2nd Generation Intel® Core™ i7/Core™ i5/Core™ i3 Processors
	- Supports 32nm 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 Intel CPU support list
Chipset	Intel® P67 Express Chipset
Memory	Dual channel memory architecture
	4 x DIMM, max. 32GB, DDR3 2400(O.C.)/2133(O.C.)/1866(O.C.)/1600/1333MHz, non-ECC, un-buffered memory
	* Supports Intel® Extreme Memory Profile (XMP)
	** The max. 32GB memory capacity can be supported with DIMMs of 8GB (or above). ASUS will update QVL once the DIMMs are available on the market.
	*** Due to CPU behavior, DDR3 2400/2200/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default. **** Refer to www.asus.com or this user manual for the Memory QVL (Qualified Vendors Lidts).
Expansion Slots	4 x PCIe2.0 x16 slots (single @x16, dual @x8, triple @x8, x16, x16)
	1 x PCIe2.0 x4
	1 x PCIe2.0 x1
Multi-GPU Technology	Support NVIDIA 3-Way SLI™ / ATI CrossFireX™ Technology
Storage	Intel® P67 Express Chipset built-in:
	- 2 x SATA 6Gb/s ports (Red)
	- 4 x SATA 3Gb/s ports (Gray)
	- Intel® Rapid Storage Technology supports SATA RAID 0, 1, 5, and 10
	Marvell® 9182 controller:
	- 2 x SATA 6Gb/s ports (Red)
	JMicron® 362 controller:
- 2 x External SATA 3Gb/s ports at rear (SATA On-the-Go)	
* Due to the Windows XP/ Vista limitation, the RAID array with the total capacity over 2TB cannot be set as a boot disk. A RAID array over 2TB can only be set as a data disk only.	
LAN	2 x Intel® Gigabit LAN
High Definition Audio	Realtek ALC889 8-channel High Definition Audio CODEC
	- Blu-ray audio layer Content Protection
	- Supports Jack-Detection, Multi-streaming, Front Panel Jack-Retasking - Supports 1 Optical S/PDIF out port at back I/O
Bluetooth Module	Bluetooth V2.0/V2.1+EDR
Accessory Card	RC Bluetooth On/Off Switch
USB	2 x NEC USB3.0 Controllers with 2 x VIA VL810 SuperSpeed USB hub controllers:
	- 8 x USB 3.0/2.0 ports at rear
	- 2 x USB 3.0/2.0 ports at mid-board for front panel support
	Intel® P67 Express Chipset: - 9 x USB 2.0 ports (8 ports at mid-board, 1 port at rear is also for ROG connect)
ROG Exclusive Overclocking Features	ROG Connect
	RC Bluetooth
	ROG iDirect
	USB BIOS Flashback
	ROG Extreme Engine Digi+
	- 8-phase CPU power
	- 2-phase VCCIO power
	- 3-phase Memory power
	- ML Cap on CPU only
	BIOS Flashback with onboard switch button
	Probelt
	Extreme Tweaker
	iROG
	Loadline Calibration
	ROG OC Kit
	- LN2 Mode
	- PCIe x16 Lane Switch
	- Debug LED
	- Q_Reset
	EFI BIOS features
	- ROG BIOS Print
	- GPU.DIMM Post
	- CPU Socket Monitor
	Intelligent overclocking tools:
	- ASUS TurboV Evo
	- O.C Profile
	Overclocking Protection:
- COP EX (Component Overheat Protection - EX)	
- Voltiminder LED	
- ASUS C.P.R.(CPU Parameter Recall)	
CPU Level Up	

Other Special Features	MemOK!
	Onboard Switches: Power / Reset / Clr CMOS (at rear)
	Q-Fan Plus
	ASUS Fan Xpert
	ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED)
	ASUS Q-Connector
	ASUS Q-Shield
	ASUS Q-Slot
	ASUS Q-DIMM
	ASUS EZ Flash 2
	ASUS CrashFree BIOS 3
	ASUS MyLogo 2
Back Panel I/O Ports	1 x PS/2 Keyboard/Mouse port
	2 x External SATA ports
	2 x LAN (RJ45) ports
	8 x USB 3.0/2.0 ports
	1 x USB 2.0/1.1 ports (also for ROG Connect)
	1 x S/PDIF Out (Optical)
	8-channel Audio I/O
	1 x ROG Connect On/Off switch
	1 x RC Bluetooth switch
	1 x Clr CMOS switch
Internal connectors	1 x USB 3.0 connector(Red) supports additional 2 USB 3.0 ports
	4 x USB 2.0 connectors support additional 8 USB 2.0 ports
	8 x SATA connectors: 4 x SATA 6Gb/s connectors (Red) & 4 x SATA 3Gb/s connectors (Gray)
	8 x Fan connectors: 1 x CPU / 1 x PWR / 3 x Chassis / 3 x Optional
	7 x Probel measurement points
	3 x Thermal sensor connectors
	1 x SPDIF_out connector
	1 x En/Dis-able Clr CMOS header
	1 x 24-pin ATX power connector
	1 x 8-pin ATX 12V power connector
	2 x EZ Plug connectors (4-pin Molex Power connectors)
	1 x RC Bluetooth header
	1 x LN2 Mode switch
	1 x Q_Reset switch
	1 x Power on switch
	1 x Reset switch
	1 x Go Button
	1 x BIOS switch button
	1 x ROG light connector
	1 x Audio front panel connector
System panel connector	
BIOS	32Mb Flash ROM, EFI AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI2.0a Multi-Language BIOS
Manageability	WOL by PME, WOR by PME, PXE
Accessory	1 x ROG Connect Cable
	1 x Probel cable set
	1 x 2-in-1 ASUS Q-Connector Kit
	2 x 2-in-1 SATA 6.0Gb/s signal Cables
	2 x 2-in-1 SATA 3.0Gb/s signal Cables
	1 x 2-port USB 2.0 module
	1 x Thermal Sensor Cable Pack
	1 x 3-Way SLI bridge
	1 x SLI Cable
	1 x Crossfire cable
	1 x Cable Ties Pack
	1 x ROG Theme Label
	1 x 12-in-1 ROG Cable Label
	1 x RC Bluetooth card
	1 x User's Manual
1 x I/O Shield	
Software	Support DVD: - Drivers and applications
	* ASUS AI Suite II
	* 3DMark Vantage
	* Kaspersky® Anti-Virus 1-year license
Form Factor	Extended ATX Form Factor, 12"x 10.6" (30.5cm x 26.9cm)