

MAXIMUS VII HERO v1.0

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Note: The specifications are subject to change without notice.	
CPU	LGA1150 socket for 4th, New 4th and 5th Generation Intel® Core™ i7 / i5 / i3 / Pentium® / Celeron® Processors Support 22nm CPU Support 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® Z97 Express Chipset
Memory	Dual channel memory architecture 4 x DIMM, max. 32GB, DDR3 1200(O.C.)*/1300(O.C.)*/1500(O.C.)*/1600(O.C.)*/1866(O.C.)*/2000(O.C.)*/2400(O.C.)*/2800(O.C.)*/3000(O.C.)*/3200(O.C.)*/3600(O.C.)*/4000(O.C.)*/4800(O.C.) (Max. supported memory size will vary with memory configuration.) Support Intel® Extreme Memory Profile (XMP) *Hyper DIMM support is subject to the physical characteristics of individual CPUs. ** Please refer to Memory QVL (Qualified Vendors List) for details.
Expansion Slots	2 x PCI Express 3.0/2.0 x16 slots (Red, single at x16 or dual at x8/x8 mode) 1 x PCI Express 2.0 x16 slot (Black, max. at x4 mode)* 3 x PCI Express 2.0 x1 slot *The PCIe 2.0 x16 slot (PCIEX4_3) shares bandwidth with PCIe 2.0 x1 and M.2 slot. The default setting is Auto Mode, which automatically optimizes the system bandwidth. If you install a PCIe 2.0 x4 device, the system will automatically detect and disable PCIe 2.0 x1 and M.2 slot.
VGA	Integrated Intel® HD Graphics Processor Multi-VGA output support: HDMI / DVI-D / RGB port -HDMI with max. resolution 4096 x 2160@ 24Hz / 2560 x 1600@ 60Hz -DVI-D with max. resolution of 1920 x 2000 @ 60Hz -RGB with maximum resolution of 1920 x 2000 @ 60Hz Intel® InTru™ 3D / Quick Sync Video / Clear Video HD Technology / Insider™
Multi-GPU	Quad-GPU NVIDIA® SLI® / AMD Quad-GPU CrossFireX™ Technology (with 2 PCIe x16 graphic cards)
Storage	Intel® Z97 Express Chipset 6 x SATA 6Gb/s ports -Intel® Rapid Storage Technology 13 supports RAID 0, 1, 5 and 10 -Intel® Smart Response Technology, Intel® Rapid Start Technology, Intel® Smart Connect Technology* 1 x M.2 Socket 3 with M Key, type 2260 / 2280 storage devices support (PCIe x2 mode) ASMedia® SATA 6Gb/s controller 2 x SATA 6Gb/s ports** * The supported functions depends on the CPU installed. ** These SATA ports are for data hard drives only. ATAPI devices are not supported.
LAN	Intel® i218V Gigabit LAN - Dual interconnect between the integrated Media Access Controller (iMAC) and physical layer Anti-surge LANGuard
Audio	ROG GameFirst III ROG SupremeFX Audio 8-Channel High Definition Audio -SupremeFX Shielding Technology -ELNA® Premium Audio Capacitors -Content Protection for Full Rate lossless DVD Audio, Blu-ray DVD, and HD-DVD audio content playback -Jack-detection, Multi-streaming, Front Panel Jack-retasking -Optical S/PDIF out port at back panel Audio Feature -Sonic SoundStage -Sonic SenseAmp -Sonic Studio -Sonic Radar II -DTS Connect
USB	Intel® Z97 Express Chipset 6 x USB 3.0 ports (4 ports at back panel [blue], 2 ports at mid-board [red]) 7 x USB 2.0 ports (2 ports at back panel, 5 ports at mid-board)** * Support ASUS USB 3.0 Boost, UASP standard on the Intel native USB 3.0 is only supported under Windows® 8/8.1. ** 1 x USB 2.0 ports (USB13) at mid-board shares with ROG extension (ROG_EXT) port.
ROG Exclusive Features	Extreme Engine Digi+ III -Full digital CPU / DRAM power -NewFET™ Power Block MOSFET -60A Choke -10K Black Metallic Capacitors KeyBot -CPU Level Up -XMP -DirectKey UEFI BIOS Features : -Extreme Tweaker -Tweakers' Paradise -ROG SSD Secure Erase -GPU DIMM Post -O.C. Profile -Graphics Card Information Preview ROG RAMDisk
Special Features	ASUS Dual Intelligent Processors 5 -5-Way Optimization tuning key perfectly consolidates TPU, EPU, DIGI+ Power Control, Fan Xpert 3, and Turbo App ASUS Exclusive Features -AI Suite 3 -USB 3.0 Boost -USB Charger+ -AI Charger -Push Notice -Disk Unlocker ASUS EZ DIY -USB BIOS Flashback -ASUS CrashFree BIOS 3 -ASUS EZ Flash 2 -ASUS C.P.R.(CPU Parameter Recall) MemOK! ASUS Q-Design -ASUS Q-Code -ASUS Q-Shield -ASUS Q-Connector -ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED) -ASUS Q-Slot -ASUS Q-DIMM
Back I/O Ports	1 x PS/2 keyboard/mouse combo port 2 x USB 2.0 ports 1 x Optical S/PDIF out 1 x eSATA port 1 x RGB (VGA) port 1 x DVI-D (DVI) port 1 x USB BIOS Flashback button 4 x USB 3.0 ports (blue) 1 x Anti-surge LAN (RJ45) port 8-channel gold plated audio jacks
Internal I/O Ports	1 x USB 3.0 connector supports additional 2 USB 3.0 ports 3 x USB 2.0 connectors support additional 5 USB 2.0 ports (1 connector shares with ROG_EXT header) 1 x ROG extension (ROG_EXT) header 8 x SATA 6Gb/s connectors 1 x 4-pin CPU fan connector 1 x 4-pin CPU optional fan connector 4 x 4-pin Chassis fan connectors 1 x Thermal sensor connectors (T_SENSOR1) 1 x 24-pin EATX power connector 1 x 8-pin EATX 12V power connector 1 x TPM connector 1 x Front panel audio connector (AAPF) 1 x System panel connector 1 x Power-on button 1 x Reset button 1 x MemOK! Button 1 x Sonic SoundStage button 1 x KeyBot button 1 x Clear CMOS button
Accessory	User's manual Support DVD I/O Shield 3 x 2-in-1 SATA 6Gb/s cables 1 x SLI™ cable 1 x 2-in-1 Q-Connector Kit 1 x 12-in-1 ROG Cable Label 1 x ROG Door Hanger
BIOS	64Mb UEFI AMI BIOS, PnP, DMi2.7, WfM2.0, SM BIOS 2.7, ACPI5.0a, Multi-Language BIOS
Manageability	WfM 2.0, DMI 2.7, WOL by PME, PXE
Software	Drivers ROG GameFirst III ROG RAMDisk ROG CPU-Z ROG Mem Tweakt Kaspersky® Anti-Virus DAEMON Tools Pro Standard ASUS WebStorage Home Cloud ASUS Utilities
Operating System	Windows® 8.1 / 8 Windows® 7
Form Factor	ATX Form Factor, 12" x 9.6" (30.5cm x 24.4cm)