

Rampage II Extreme Specifications

CPU	Intel® Socket 1366 Core™ i7 Processor Extreme Edition/Core™ i7 Processor Supports Intel® Dynamic Speed Technology * Refer to www.asus.com for Intel CPU support list
Chipset	Intel® X58 /ICH10R
System Bus	Up to 6400 MT/s with QuickPath Interconnection
Memory	6 x DIMM, Max. 12 GB, DDR3 1800(O.C.)/1600(O.C.)/1333/1066 Non-ECC, Un-buffered Memory Triple channel memory architecture * Supports Intel® Extreme Memory Profile (XMP) **Due to Intel spec definition, DIMMs of DDR3-1333 or above are out of spec. Please refer to www.asus.com or user manual for the Memory QVL(Qualified Vendors List).
Expansion Slots	3 x PCIe 2.0 x16 support at x16, x8, x8, or dual x16 speed 2 x PCIe 2.0 x 1 (the PCIEx1_1 (black) is compatible with audio slot) 1 x PCI 2.2
Multi-GPU Support	Support NVIDIA 3-Way SLI™ / ATI CrossFireX™ Technology * We recommend that you use full tower chassis for building a 3-Way SLI system.
Storage	Intel ICH10R controller 6 xSATA 3 Gb/s ports Intel Matrix Storage Technology Support RAID 0,1,5,10 JMicron® JMB363 PATA and SATA controller 1 xUltraDMA 133/100/66/33 for up to 2 PATA devices 1 xExternal SATA 3.0 Gb/s port (SATA On-the-Go) 1 xSATA 3.0 Gb/s port
LAN	Dual Gigabit LAN controllers, both featuring AI NET2 Support Teaming Technology
Audio	SupremeFX X-Fi Audio Card - ADI® AD2000B 8 -Channel High Definition Audio CODEC - EAX® Advanced™ HD 4.0 - X-Fi CMSS®-3D - X-Fi Crystalizer™ - Creative ALchemy - Supports 1 x S/PDIF out header - Supports Coaxial/Optical S/PDIF out ports on rear

IEEE 1394	2 x 1394a ports (1 port at back I/O, 1 port onboard)
USB	12 USB 2.0 ports (6 ports at mid-board, 6 ports at back panel)
Overclocking Features	<p>TweakIt Probelt Extreme Engine with ML Cap - 16-phase CPU power - 3-phase QPI/DRAM power - 3-phase NB power - 3-phase Memory power - ML Caps on CPU, memory and NB respectively CPU Level Up iROG Extreme Tweaker BIOS Flashback Loadline Calibration Intelligent overclocking tools: - AI Gear 4™ - ASUS AI Booster Utility - O.C Profile Overclocking Protection: - COP EX (Component Overheat Protection - EX) - Voltiminder LED - ASUS C.P.R.(CPU Parameter Recall)</p>
Special Features	<p>External LCD Poster Onboard Switches: Power / Reset / Clr CMOS (at rear) EL I/O Q-Fan Plus ROG BIOS Wallpaper ASUS EPU-6 Engine ASUS Q-Connector ASUS Fan Xpert ASUS EZ Flash 2 ASUS CrashFree BIOS 3 ASUS MyLogo3</p>
Back Panel I/O Ports	<p>1 x PS/2 Keyboard port(purple) 1 x External SATA port 2 x LAN (RJ45) port 6 x USB 2.0/1.1 ports 1 x IEEE1394a port 1 x Clr CMOS switch</p>
Internal I/O Connectors	<p>3 x USB connectors supports additional 6 USB 2.0 ports 1 x Floppy disk drive connector 1 x IDE connector 7 x SATA connectors 1 x IEEE 1394a connector 1 x Chassis Fan connector x 8-pin ATX 12V Power connector 24-pin ATX Power connector 1 x EL I/O Shield Connector 2 x thermal sensor connector</p>

	<p>1 x En/Dis-able Clr CMOS connector</p> <p>System Panel</p> <p>8 x Fan connectors: 1 x CPU / 1 x PWR / 3 x Chassis / 3 x Optional</p> <p>8 x Probelt connectors</p> <p>1 x LCD Poster connector</p> <p>1 x BIOS FlashBack boot up selection header</p> <p>1 x ROG light connector</p>
BIOS	<p>16 Mb Flash ROM</p> <p>AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.4, ACPI2.0a</p> <p>Multi-Language BIOS</p>
Manageability	<p>WOL by PME,WOR by PME,Chasis Intrusion,PXE</p>
Accessories	<p>Probelt Cable</p> <p>3-Way SLI Cable</p> <p>SLI Cable</p> <p>ASUS Optional Fan</p> <p>SupremeFX X-Fi Audio Card</p> <p>External LCD Poster</p> <p>3 in 1 ASUS Q-Connector Kit</p> <p>UltraDMA 133/100/66 cable</p> <p>SATA cables</p> <p>SATA power cables</p> <p>2-port USB2.0 + IEEE 1394a module</p> <p>EL I/O Shield</p> <p>Thermal sensor cables</p> <p>Cable Ties</p> <p>User's manual</p>
Support Disc	<p>Support DVD:</p> <ul style="list-style-type: none"> - Drivers and applications Sound Blaster X-Fi Utility Futuremark® 3DMark® Vantage Advanced Edition Kaspersky® Anti-Virus ASUS TurboV utility ASUS PC Probe II ASUS Update ASUS AI Suite
Form Factor	<p>ATX Form Factor</p> <p>12 inch x 10.6 inch (30.5 cm x 26.9 cm)</p> <p>* One inch greater than standard ATX form factor</p>