



## Specifications

Model	<b>P9X79</b> All-New Digital Power Control for both CPU and DRAM : Absolute Performance on Intel X79 Platform
CPU	Intel® Socket 2011 for 2 <sup>nd</sup> Generation Core™ i7 Processors Supports Intel® Turbo Boost Technology 2 * Refer to <a href="http://www.asus.com">www.asus.com</a> for CPU support list
Chipset	Intel® X79
Memory	8 x DIMM, Max. 64GB, DDR3 2400(O.C.)/2133(O.C.)/1866/1600/1333/1066 MHz Non-ECC, Un-buffered Memory Quad Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) * Hyper DIMM support is subject to the physical characteristics of individual CPUs.  * Refer to <a href="http://www.asus.com">www.asus.com</a> or user manual for the Memory QVL (Qualified Vendors Lists).
Multi-GPU Support	Supports NVIDIA® Quad-GPU SLI™ Technology Supports AMD Quad-GPU CrossFireX™ Technology
Expansion Slots	2 x PCIe 3.0/2.0 x16 (dual x16) * <sup>1</sup> 1 x PCIe 3.0/2.0 x16 (x8 mode) * <sup>1</sup> 2 x PCIe 2.0 x1 1 x PCI
Storage	<b>Intel® X79 chipset :</b> 2 x SATA 6Gb/s port(s), white 4 x SATA 3Gb/s port(s), blue Support Raid 0, 1, 5, 10 <b>ASMedia® ASM1061 controller :</b> 1 x Power eSATA 6Gb/s port(s), green 1 x eSATA 6Gb/s port(s), red
LAN	Intel® 82579V, 1 x Gigabit LAN Controller(s)
Audio	Realtek® ALC892 8-Channel High Definition Audio CODEC - Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking <b>Audio Feature :</b> - Absolute Pitch 192kHz/ 24-bit True BD Lossless Sound - Blu-ray audio layer Content Protection - DTS Ultra PC II - DTS Connect - Optical S/PDIF out port(s) at back panel
IEEE 1394	VIA® 6315N controller 1 x IEEE 1394a port(s) (1 at back panel)
USB Ports	<b>ASMedia® USB 3.0 controller :</b> 4 x USB 3.0 port(s) (4 at back panel, blue) <b>Intel® X79 chipset :</b> 14 x USB 2.0 port(s) (6 at back panel, black+white, 8 at mid-board)
Special Features	<b>ASUS Dual Intelligent Processors 3 with New DIGI+ Power Control :</b> <b>ASUS TPU :</b> - Auto Tuning - TurboV - TPU switch <b>ASUS EPU :</b> - EPU - EPU switch <b>ASUS Digital Power Design :</b> - Industry leading Digital 8 + 2 Phase CPU Power Design - Industry leading Digital 2 + 2 Phase DRAM Power Design - CPU Power Utility - DRAM Power Utility <b>ASUS Exclusive Features :</b> - MemOK! - AI Suite II - Ai Charger - ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface - USB 3.0 Boost <b>ASUS Quiet Thermal Solution :</b> - Stylish Fanless Design Heat-pipe solution

	<ul style="list-style-type: none"> <li>- ASUS Fan Xpert+</li> <li><b>ASUS EZ DIY :</b></li> <li>- USB BIOS Flashback</li> <li>- ASUS Q-Shield</li> <li>- ASUS O.C. Profile</li> <li>- ASUS CrashFree BIOS 3</li> <li>- ASUS EZ Flash 2</li> <li>- ASUS MyLogo 2</li> <li>- Multi-language BIOS</li> <li><b>ASUS Q-Design :</b></li> <li>- ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED)</li> <li>- ASUS Q-Slot</li> <li>- ASUS Q-DIMM</li> <li>- ASUS Q-Connector</li> </ul>
Back I/O Ports	<ul style="list-style-type: none"> <li>1 x PS/2 keyboard/mouse combo port(s)</li> <li>1 x eSATA 6Gb/s</li> <li>1 x Power eSATA 6Gb/s</li> <li>1 x IEEE 1394a</li> <li>1 x LAN (RJ45) port(s)</li> <li>4 x USB 3.0</li> <li>6 x USB 2.0 (one port can be switched to USB BIOS Flashback)</li> <li>1 x Optical S/PDIF out</li> <li>6 x Audio jack(s)</li> <li>1 x USB BIOS Flashback Button(s)</li> </ul>
Internal I/O Ports	<ul style="list-style-type: none"> <li>4 x USB 2.0 connector(s) support(s) additional 8 USB 2.0 port(s)</li> <li>1 x TPM connector(s)</li> <li>1 x COM port(s) connector(s)</li> <li>2 x SATA 6Gb/s connector(s)</li> <li>4 x SATA 3Gb/s connector(s)</li> <li>1 x CPU Fan connector(s) (4 -pin)</li> <li>4 x Chassis Fan connector(s) (4 -pin)</li> <li>1 x Optional Fan connector(s) (4 -pin)</li> <li>1 x S/PDIF out header(s)</li> <li>1 x 24-pin EATX Power connector(s)</li> <li>1 x 8-pin ATX 12V Power connector(s)</li> <li>1 x Front panel audio connector(s) (AAFP)</li> <li>1 x System panel(s) (Q-Connector)</li> <li>1 x MemOK! button(s)</li> <li>1 x TPU switch(es)</li> <li>1 x EPU switch(es)</li> <li>1 x Clear CMOS jumper(s)</li> </ul>
Accessories	<ul style="list-style-type: none"> <li>User's manual</li> <li>I/O Shield</li> <li>2 x SATA 3Gb/s cable(s)</li> <li>2 x SATA 6Gb/s cable(s)</li> <li>1 x SLI bridge(s)</li> <li>1 x Q-connector(s) (2 in 1)</li> </ul>
BIOS	64 Mb Flash ROM, UEFI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.6, ACPI 2.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree BIOS 3
Manageability	WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, PXE
Support Disc	<ul style="list-style-type: none"> <li>Drivers</li> <li>ASUS Utilities</li> <li>ASUS Update</li> <li>Anti-virus software (OEM version)</li> </ul>
Form Factor	<ul style="list-style-type: none"> <li>ATX Form Factor</li> <li>12 inch x 9.6 inch ( 30.5 cm x 24.4 cm )</li> </ul>
Note	*1: This motherboard is ready to support PCIe 3.0 SPEC. Functions will be available when using PCIe 3.0-compliant devices. Please refer to <a href="http://www.asus.com">www.asus.com</a> for updated details.

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

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PCB color and bundled software versions are subject to change without notice.

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