

# Spezifikationen

CPU	<p>Intel® Socket 1155 for Intel® 2<sup>nd</sup> Generation Core™ i7 Processor/Core™ i5 Processor/Core™ i3 Processor/Support Intel® 32nm CPU</p> <p>Supports Intel® Turbo Boost Technology 2.0</p> <p>* The Intel® Turbo Boost Technology 2.0 support depends on the CPU types.</p> <p>* Refer to <a href="http://www.asus.com">www.asus.com</a> for Intel CPU support list</p>
Chipset	Intel® P67(B3) Express Chipset
Memory	<p>4 x DIMM, Max. 32 GB, DDR3 2200(O.C.)*2133(O.C.)/1866(O.C.)/1600/1333/1066 Non-ECC,Un-buffered Memory Dual Channel memory architecture</p> <p>Supports Intel® Extreme Memory Profile (XMP)</p> <p>* According to Intel® SPEC, 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.</p> <p>* Hyper DIMM support is subject to the physical characteristics of individual CPUs. Some hyper DIMMs only support one DIMM per channel. Please refer to Memory QVL for details.</p> <p>* Due to CPU behavior, DDR3 2200/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.</p> <p>* Please refer to <a href="http://www.asus.com">www.asus.com</a> or user manual for Memory QVL.</p>
Expansion Slots	<p>2 x PCIe 2.0 x16 (single at x16 or dual at x8/x8 mode)</p> <p>1 x PCIe 2.0 x16 * [Black] (max. at x4 mode, compatible with PCIe x1 and x4 devices)</p> <p>2 x PCIe 2.0 x1</p> <p>2 x PCI</p> <p>*The PCIe x16_3 slot shares bandwidth with the PCIe x1_1 slot, PCIe x1_2 slot, ESATA3G &amp; PESATA3G and USB3_34. The PCIe x16_3 runs at x1 mode by default for system resource optimization. (PCIe x1_2 will be disabled.)</p>
Multi-GPU Support	<p>Supports NVIDIA® Quad-GPU SLI™ Technology</p> <p>Supports ATI® Quad-GPU CrossFireX™ Technology</p>
Storage	<p><b>Intel® P67(B3) Express Chipset</b></p> <p>2 xSATA 6.0 Gb/s ports (gray)</p> <p>4 xSATA 3.0 Gb/s ports (blue)</p> <p>Intel® Rapid Storage Technology Support RAID 0,1,5,10</p> <p><b>Marvell® 9120 controller</b></p> <p>2 xSATA 6.0 Gb/s ports (navy blue)*</p> <p><b>JMicron® JMB362 SATA controller</b></p> <p>2 xExternal SATA 3.0 Gb/s ports*</p> <p>* These SATA ports are for data hard drives only. ATAPI devices are not supported.</p>
LAN	<p>Dual Gigabit LAN controllers- 802.3az Energy Efficient Ethernet (EEE) appliance</p> <p>Intel® 82579 Gigabit LAN- Dual interconnect between the Integrated LAN controller and Physical Layer (PHY)</p> <p>Realtek® 8110SC Gigabit LAN</p>
Bluetooth	<p>Bluetooth v2.1 + EDR</p> <p>ASUS BT GO! Utility</p>
Audio	<p>Realtek® ALC892 8-Channel High Definition Audio CODEC</p> <ul style="list-style-type: none"> <li>- Absolute Pitch 192khz/24bit True BD Lossless Sound</li> <li>- BD Audio Layer Content Protection</li> <li>- DTS Surround Sensation UltraPC</li> <li>- Supports Jack-Detection, Multi-streaming, Front Panel Jack-Retasking</li> <li>- Coaxial / Optical S/PDIF out ports at back I/O</li> </ul>
IEEE 1394	VIA® 6308P controller supports 2 x 1394a port(s) (one at mid-board; one at back panel)
USB	<p>NEC USB 3.0 controllers</p> <ul style="list-style-type: none"> <li>- 4 x USB 3.0/2.0 ports (2 at mid-board for front panel support, 2 at back panel (blue))</li> </ul> <p>Intel® P67(B3) Express Chipset</p> <ul style="list-style-type: none"> <li>- 12 x USB 2.0/1.1 ports (6 ports at mid-board, 6 ports at back panel)</li> </ul>
ASUS Unique Features	<p><b>ASUS Dual Intelligent Processors 2 with DIGI+ VRM:</b></p> <p>ASUS EPU</p> <ul style="list-style-type: none"> <li>- EPU, EPU switch</li> </ul> <p>ASUS TPU</p> <ul style="list-style-type: none"> <li>- Auto Tuning, TurboV, TPU switch</li> </ul> <p><b>ASUS Digital Power Design</b></p> <ul style="list-style-type: none"> <li>- Industry leading Digital 12+2 Phase Power Design</li> <li>- ASUS DIGI+ VRM Utility</li> </ul> <p><b>ASUS BT GO! (Bluetooth)</b></p> <ul style="list-style-type: none"> <li>- Folder Sync, BT Transfer, Shot &amp; Send, BT to Net, Music Player, Personal Manager, BT Turbo Remote</li> </ul> <p><b>ASUS Exclusive Features</b></p> <ul style="list-style-type: none"> <li>- MemOK!</li> <li>- AI Suite II</li> <li>- AI Charger</li> <li>- Anti Surge</li> <li>- ASUS EFI BIOS EZ Mode featuring friendly graphics user interface</li> </ul> <p><b>ASUS Quiet Thermal Solution</b></p> <ul style="list-style-type: none"> <li>- ASUS Fanless Design: Heat-pipe solution</li> <li>- ASUS Fan Xpert</li> </ul> <p><b>ASUS EZ DIY</b></p> <ul style="list-style-type: none"> <li>- ASUS Q-Shield</li> </ul>

	<ul style="list-style-type: none"> <li>- ASUS Q-Connector</li> <li>- ASUS O.C. Tuner</li> <li>- ASUS CrashFree BIOS 3</li> <li>- ASUS EZ Flash 2</li> </ul> <p><b>ASUS Q-Design</b></p> <ul style="list-style-type: none"> <li>- ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED)</li> <li>- ASUS Q-Slot</li> <li>- ASUS Q-DIMM</li> </ul>
Overclocking Features	<p><b>Precision Tweaker 2</b></p> <ul style="list-style-type: none"> <li>- vCore: Adjustable CPU voltage at 0.005V increment</li> <li>- vCCIO: Adjustable I/O voltage at 0.00625V increment</li> <li>- vCCSA: 144-step system agent voltage control</li> <li>- vDRAM Bus: 160-step Memory voltage control</li> <li>- vPCH: 90-step Chipset voltage control</li> <li>- vCPU_PLL: 160-step CPU &amp; PCH PLL voltage control</li> </ul> <p><b>SFS (Stepless Frequency Selection)</b></p> <ul style="list-style-type: none"> <li>- BCLK/PEG frequency tuning from 80MHz up to 300MHz at 0.1MHz increment</li> </ul> <p><b>Overclocking Protection</b></p> <ul style="list-style-type: none"> <li>- ASUS C.P.R.(CPU Parameter Recall)</li> </ul>
Back Panel I/O Ports	<ul style="list-style-type: none"> <li>1 x Bluetooth module</li> <li>1 x PS/2 Mouse (green)</li> <li>1 x PS/2 Keyboard (purple)</li> <li>2 x External SATA (1 x Power eSATA)</li> <li>1 x IEEE 1394a</li> <li>2 x LAN(RJ45) port(s) (1 x Intel® LAN)</li> <li>2 x USB 3.0/2.0 (blue)</li> <li>6 x USB 2.0/1.1</li> <li>2 x S/PDIF Out (1 for Coaxial, 1 for Optical)</li> <li>8 -Channel Audio I/O</li> <li>1 x Clr CMOS switch</li> </ul>
Internal I/O Connectors	<ul style="list-style-type: none"> <li>1 x USB 3.0/2.0 connector(s) supports additional 2 USB ports (19-pin)</li> <li>3 x USB 2.0/1.1 connector(s) support additional 6 USB ports</li> <li>1 x MemOK! Button</li> <li>4 x SATA 6.0Gb/s connectors (2 x gray; 2 x navy blue)</li> <li>4 x SATA 3.0Gb/s connectors (blue)</li> <li>1 x IEEE 1394a connector</li> <li>1 x CPU Fan connector(s) (4-pin)</li> <li>2 x Chassis Fan connector(s) (1 x 4-pin; 1 x 3-pin)</li> <li>1 x Power Fan connector(s) (1 x 3-pin)</li> <li>1 x TPU switch</li> <li>1 x EPU switch</li> <li>1 x Power-on switch</li> <li>1 x Reset switch</li> <li>1 x S/PDIF Out connector</li> <li>24-pin EATX Power connector</li> <li>8-pin EATX 12V Power connector</li> <li>1 x System Panel (Q-Connector)</li> <li>Front panel audio connector</li> </ul>
BIOS	32 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
Manageability	WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, PXE
Accessories	<ul style="list-style-type: none"> <li>User's manual</li> <li>2 x SATA 3.0Gb/s cables</li> <li>2 x SATA 6.0Gb/s cables</li> <li>1 x Q-Shield</li> <li>2 in 1 Q-connector</li> <li>1 x ASUS USB 3.0 Bracket</li> <li>1 x ASUS SLI bridge connector</li> </ul>
Support Disc	<ul style="list-style-type: none"> <li>Drivers</li> <li>Anti-virus software (OEM version)</li> <li>ASUS Update</li> <li>ASUS Utilities</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>