



P5N32-SLI Premium/WiFi-AP



- Quad-SLI Ready
- Intel® Core™2 Extreme / Core™2 Duo Ready
- Intel® Pentium® Extreme / Pentium® D / Pentium® 4 / Celeron® D Ready
- NVIDIA nForce® 590 SLI™ Intel Edition
- Dual-channel DDR2 800(OC) /667/533
- SupremeFX/ DTS Connect/ Array Mic/ Noise Filter
- AI NOST™ / AI Gear / AI Nap
- 8 Phase Power Design

Print

Specification

CPU	LGA775 socket for Intel® Core™2 Extreme / Core™2 Duo / Pentium® Extreme / Pentium® D / Pentium® 4 / Celeron® D Processors Compatible with Intel® 06/05B/05A processors * Refer to www.asus.com for Intel CPU support list
Chipset	NVIDIA nForce® 590 SLI™ Intel Edition * Enhanced Performance Profile Technology
Front Side Bus	1066 / 800 / 533 MHz
Memory	Dual channel memory architecture 4 x DIMM, max. 8GB, DDR2-800(OC)/667/533, non-ECC, un-buffered memory * Refer to www.asus.com or user manual for Memory QVL (Qualify Vendor List)
Expansion Slots	2 x PCI Express x16 slot, support NVIDIA® SLI™ technology, at full x16, x16 speed(blue and black) 1 x PCI Express x16, at x8 speed(middle) 1 x PCI Express x1 2 x PCI 2.2
Scalable Link Interface (SLI™)	Support two identical NVIDIA SLI-Ready graphics cards (both at x16 mode) ASUS PEG Link
Storage	South bridge supports: * 1 x Ultra DMA 133 / 100 / 66 / 33 * 6 x Serial ATA 3.0Gb/s * NVIDIA MediaShield™ RAID supports RAID 0, 1, 0+1, 5 and JBOD span cross Serial ATA drives Silicon Image® 3132 SATA controller supports * 2 x External Serial ATA 3.0Gb/s port on back I/O (SATA On-the-Go)
LAN	NVIDIA nForce® 590 SLI™ built-in dual Gigabit MAC with external Marvell PHY Support NVIDIA DualNet® technology
Wireless LAN	ASUS WiFi-AP Solo 54 Mbps IEEE 802.11g and backwards compatible with 11 Mbps IEEE 802.11b * Software Access point mode * Station mode : Infrastructure mode and Ad-Hoc mode

Audio	<p>SupremeFX Audio Card</p> <ul style="list-style-type: none"> * ADI 1988B 8-channel High Definition Audio CODEC * Support Jack-Sensing, Enumeration, Multi-streaming and Jack-Retasking * Noise Filter <p>Coaxial, Optical S/PDIF out DTS® Connect ASUS Array Mic</p>
IEEE 1394a	VIA6308P controller supports 2 x 1394a ports
USB	max. 8 USB2.0/1.1 ports(4 ports at mid-board, 4 ports at back panel)
Overclocking Features	<p>Intelligent overclocking tools:</p> <ul style="list-style-type: none"> * AI NOS™ (Non-delay Overclocking System) * AI Overclocking (intelligent CPU frequency tuner) * ASUS PEG Link - automatically performance tuning for graphics cards * ASUS AI Booster Utility <p>Precision Tweaker</p> <p>Overclocking Protection:</p> <ul style="list-style-type: none"> * ASUS C.P.R.(CPU Parameter Recall)
ASUS AI Lifestyle Features	<p>ASUS Quiet Thermal Solution:</p> <ul style="list-style-type: none"> * AI Gear * AI Nap * ASUS 8-Phase Power Design * ASUS Fanless Design: Heat-pipe solution * ASUS Fanless Design: Stack Cool 2 * ASUS Q-Fan 2 * ASUS Optional Fan for Water-cooling or Passive-Cooling only <p>ASUS EZ DIY:</p> <ul style="list-style-type: none"> * ASUS Q-Connector * ASUS O.C. Profile * ASUS Music Alarm * ASUS EZ Flash2 * ASUS MyLogo3
Back Panel I/O Ports	<p>1 x PS/2 Keyboard port(purple) 1 x PS/2 Mouse port(green) 1 x Optical + 1 x Coaxial S/PDIF Output 2 x External SATA 2 x LAN (RJ45) port 4 x USB 2.0/1.1 ports 1 x IEEE1394a port 1 x WiFi-AP Solo™ antenna jack</p>
Internal I/O Connectors	<p>2 x USB 2.0 connectors supports additional 4 USB 2.0 ports 1 x Floppy disk drive connector 1 x IDE connector for two devices 6 x SATA connectors 1 x CPU / 1 x SPS / 3 x Chassis Fan connector 1 x IEEE1394a connector 1 x Com port connector 1 x S/PDIF output connector 1 x Chassis Intrusion connector 24-pin ATX Power connector 8-pin ATX 12V Power connector System panel connector</p>
BIOS	8Mb Award BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.3, Multi-Language BIOS
Manageability	WOL by PME, WOR by PME, Chasis Intrusion, PXE
	<p>SLI bridge ASUS Array Mic ASUS Optional Fan 3 in 1 ASUS Q-Connector Kit UltraDMA 133/100/66 cable Floppy disk drive cable</p>

Accessories	SATA cables SATA power cables 2-port USB2.0 module IEEE1394a module I/O Shield ASUS WiFi-AP Solo omni-directional antenna User's manual
Support CD	Drivers ASUS PC Probe II ASUS Update ASUS AI Booster ASUS AI Suite ASUS WiFi-AP Solo Wizard NVIDIA MediaShield™ RAID Anti-Virus Software
Form Factor	ATX Form Factor, 12"x 9.6" (30.5cm x 24.5cm)

* All specifications are subject to change without notice. Please check with your supplier for exact offers.
Products may not be available in all markets.

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

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