



P5N72-T Premium

Powerful performance with efficient energy

- Intel® Quad-core CPU Ready
- Intel® Core™2 Extreme / Core™2 Duo Ready
- Support Intel next generation 45nm Multi-Core CPU
- NVIDIA nForce® 780i SLI™
- System Bus 1600(O.C.)MHz Support
- Dual-channel DDR2 1200(O.C)/1066/800 MHz Support
- ASUS EPU
- SupremeFX II 8-CH Audio
- 3rd Generation 8-phase Power
- Precision Tweaker2



Specifications

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CPU	<p>Intel Socket 775 Core™2 Quad/Core™2 Extreme/Core™2 Duo/Pentium® Extreme/Pentium® D/Pentium® 4 Processors</p> <p>Compatible with Intel® 05B/05A/06 processors</p> <p>Support Intel® 45nm CPU</p> <p>*Refer to www.asus.com for Intel CPU support list</p> <p>**When installing total memory of 4GB capacity or more, WindowsR 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.</p>
Chipset	NVIDIA nForce 780i SLI
Front Side Bus	1600*/1333/1066/800 MHz *Overclock speed
Memory	<p>4 x DIMM, Max. 8 GB, DDR2 1200*/1066/800/667 Non-ECC,Un-buffered Memory</p> <p>Dual Channel memory architecture</p> <p>*Overclock speed</p> <p>**When installing total memory of 4GB capacity or more, WindowsR 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.</p>
Expansion Slots	<p>2 x PCIe 2.0 x16 ,support NVIDIA® SLI™ technology, at full x16, x16 speed(blue)</p> <p>1 x PCIe x16 , at x16 speed(middle)</p> <p>2 x PCIe x1 (the PCIe1_1 (black) is compatible with audio slot)</p> <p>2 x PCI 2.2</p>
Scalable Link Interface (SLI™)	Support NVIDIA 3-way SLI graphics cards (triple at x16 mode)
Storage	<p>Southbridge</p> <p>1 xUltraDMA 133/100/66</p> <p>6 xSATA 3 Gb/s ports * NVIDIA MediaShield™ RAID supports RAID 0, 1, 0+1, 5 and JBOD span cross Serial ATA drives</p>
LAN	<p>Dual Gigabit LAN, both featuring AI NET2</p> <p>Support Teaming Technology</p>
Audio	<p>ROG SupremeFX II Audio Card 8 -Channel High Definition Audio CODEC</p> <p>ROG SupremeFX II Audio Card</p> <p>- ADI 1988B 8-channel High Definition Audio CODEC</p> <p>- Noise Filter</p> <p>Coaxial, Optical S/PDIF out at back I/O</p>
IEEE 1394	VIA6308P controller supports 2 x 1394a ports (1 port at back I/O, 1 port onboard)
USB	10 USB 2.0 ports (4 ports at mid-board, 6 ports at back panel)
	<p>ASUS Power Saving Solution</p> <p>- ASUS EPU (Energy Processing Unit)</p> <p>- ASUS 3rd Generation 8-phase Power</p> <p>- ASUS AI Nap</p>

ASUS Unique Features	<p>ASUS Quiet Thermal Solution</p> <ul style="list-style-type: none"> - 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 Q-Shield - ASUS O.C. Profile - ASUS AI Direct Link - ASUS CrashFree BIOS 2 - ASUS EZ Flash 2 - ASUS MyLogo 3
Overclocking Features	<p>Intelligent overclocking tools</p> <ul style="list-style-type: none"> - ASUS AI Booster Utility - 2-Phase DDR2 - O.C Profile <p>Overclocking Protection:</p> <ul style="list-style-type: none"> - ASUS C.P.R.(CPU Parameter Recall) <p>Precision Tweaker2</p> <p>SFS (Stepless Frequency Selection)</p> <p>Loadline Calibration</p>
Back Panel I/O Ports	<ul style="list-style-type: none"> 1 x PS/2 Keyboard 1 x IEEE 1394a 2 x LAN(RJ45) port 6 x USB 2.0/1.1 8 -Channel Audio I/O 1 x Optical + 1 x Coaxial S/PDIF Output
Internal I/O Connectors	<ul style="list-style-type: none"> 2 x USB connectors support additional 4 USB 2.0 ports 1 x Floppy disk drive connector 1 x IDE connector 6 x SATA connectors 1 x IEEE 1394a connector 4 x Fan connectors: 1 x CPU / 3 x Chassis 1 x S/PDIF Out connector 1 x8-pin ATX 12V Power connector 24-pin Power connector 1 x En/Dis-able Clr CMOS connector 1 x Power on switch Chassis Intrusion connector System Panel
BIOS	<ul style="list-style-type: none"> 8 Mb Flash ROM DMI 2.0 PnP WfM 2.0 SM BIOS 2.4 ACPI 2.0a Multi-language BIOS
Manageability	<p>WOL by PME,WOR by PME,Chasis Intrusion, PXE</p>
Accessories	<ul style="list-style-type: none"> SupremeFX II Audio Card ASUS Optional Fan eSATA module 3 in 1 ASUS Q-Connector Kit UltraDMA 133/100/66 cable Floppy disk drive cable 3-way SLI bridge ASUS SLI bridge SATA cables SATA power cables 2-port USB2.0 + IEEE 1394a module I/O Shield User's manual
Support Disc	<ul style="list-style-type: none"> Support DVD includes Drivers and applications Kaspersky® Anti-Virus 1 year license Image-Editing Suite ASUS PC Probe II ASUS Update ASUS AI Suite
Form Factor	<p>ATX Form Factor</p> <p>12 inch x 9.6 inch (30.5 cm x 24.4 cm)</p>

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.

- 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.
- Brand and product names mentioned are trademarks of their respective companies.