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Specification

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Specification

CPU	Intel® Quad-core CPU Ready LGA775 socket for Intel® Pentium 4/Celeron CPU Support Inte Pentium® Processor Extreme Edition & Intel Pentium® D Processor Support Intel 65nm, Core 2 Duo and Core 2 Extreme Compatible with Intel 05B/ 05A and 04B/04A processors Intel EM64T and Hyper-Threading Technology ready * Please update the latest BIOS to support Intel Quad-core CPU
Chipset	Intel 975X Intel ICH7R
Front Side Bus	1066/ 800 MHz
Memory	Dual channel memory architecture 4 x 240-pin DIMM sockets support max. 8GB DDR2 800/ 667/ 533 ECC and non-ECC memory Intel MPT (Intel Memory Pipeline Technology) ASUS Hyper Path3
Expansion Slots	2 x PCI Express x 16 slot for discrete graphics card 2 x PCI Express x 1 3 x PCI
CrossFire	Support ATI CrossFire graphics cards (both @ x8 mode) ASUS two-slot thermal design ASUS PEG Link
Advanced Thermal Design	ASUS 8-Phase Power Design ASUS Stack Cool2 ASUS Fanless Design: Heat-pipe Thermal solution



Storage/RAID	Intel ICH7R South Bridge: * 1 x UltraDMA 100/66/33 * 3 x Serial ATA 3.0Gb/s with Intel® Matrix Storage Technology with RAID 0, 1, 5 support Jmicron JMB363 controller * 1 x UltraDMA 133/100/66 * 1x Serial SATA 3.0Gb/s * 1x External Serial ATA 3.0Gb/s (ASUS SATA-on-the-Go) * Support SATA RAID 0, 1 and JBOD (by 1x External SATA & 1x Internal SATA) Silicon Image 4723 Hardware RAID controller (ASUS EZ-Backup) * 2 x Serial ATA 3.0Gb/s with RAID 0, 1 support * Support RAID 10 cross Intel® ICH7R and Silicon Image 4723 controller
LAN	Dual Gigabit LAN controllers *2 x Marvell 88E8053 Gigabit LAN Controller, both featuring AI NET2 Wireless LAN: 54Mbps IEEE 802.11g (ASUS WiFi-AP Solo™)
Audio	Realtek ALC882M High Definition Audio 8-channel CODEC Support Multi-streaming, Jack-sensing and Jack-retasking functions Anti Pop Function Coaxial, Optical S/PDIF out on back I/O port Features Dolby Master Studio technology - Dolby Prologic IIX - Dolby Headphone - Dolby Virtual Speaker - Dolby Digital Live
IEEE 1394a	TI 1394 controller supports 2 x 1394a ports
USB	Max. 8 USB2.0/1.1 ports
ASUS Digital Home Accessories	1 x Asus DH Remote™ 1 x ASUS DH Remote™ Receiver 1 x ASUS MP3-In™ module 1 x ASUS WiFi-AP Solo Antenna 2 x ASUS EZ-Backup™ SATA cables
ASUS Unique Features	Stack Cool 2 patented fanless cooling system "SATA on the Go" External SATA connector AI Quiet
Overclocking Features	AI NOS™ (Non-delay Overclocking System) ASUS PEG Link Precision Tweaker: - vDIMM: 12-step DRAM voltage control - vCore: Adjustable CPU voltage at 0.0125 increment - SFS (Stepless Frequency Selection): allowing FSB tuning from 200MHz up to 400MHz at 1MHz increment - PCIe x16 Frequency: allowing PCIe x16 frequency from 90MHz up to 150MHz at 1MHz increment" AI Overclocking (intelligent CPU frequency tuner) Adjustable FSB/DDR ratio. Fixed PCI/PCIe frequencies. ASUS AI Booster utility ASUS C.P.R.(CPU Parameter Recall)
Other ASUS Special Features	CrashFree BIOS 3 EZ-Flash2 Q-Fan2 Multi-language BIOS MyLogo2

BIOS	8 Mb Flash ROM,AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.3
Manageability	WOL by PME, WOR by PME, Chassis Intrusion, PXE & RPL
Back Panel I/O Ports	1 x Serial Port 1 x Optical + 1 x Coaxial S/PDIF Output 1 x PS/2 Keyboard 1 x PS/2 Mouse 2 x RJ45 4 x USB 2.0/1.1 1 x IEEE1394a 1 x External SATA port 1 x WiFi-AP Solo™ antenna jack 8-Channel Audio I/O
Internal I/O Connectors	2 x USB 2.0 connectors supports additional 4 USB 2.0 ports 1 x IEEE1394a connector CPU / 2 x Chassis(system) / 2 x Power Fan connectors Front panel Audio connector ASUS EZ-Backup jumpers Chassis Intrusion connector CD audio-in connector MP3-In connector (Red) SPDIF out connector System panel connector Azalia Digital Header 24-pin ATX Power connector 4-pin EATX12V Power connector
O/S Compatibility	Windows Vista/XP/2000
Support Disc	Drivers Make RAID driver Disk for Intel ICH7R and JMB 363 ASUS DH Remote Application ASUS WiFi-AP Solo™ Wizard ASUS PC Probe 2 ASUS LiveUpdate Utility Anti-virus software (OEM version)
ASUS Digital Home Features	ASUS EZ-Backup™ - 2 x Serial ATA 3.0Gb/s support hardware RAID 0 or RAID 1 mode - Plug and play: Default setting in RAID 1 mode, no driver, no BIOS configuration required ASUS WiFi-AP Solo 54 Mbps IEEE 802.11g and backwards compatible with 11 Mbps IEEE 802.11b - Software Access point mode - Station mode : Infrastruceure mode and Ad-Hoc mode Asus DH Remote™ - Power - Quick Power - Noise Off - EZ WiFi - Full Screen - AP Launch - Media Control Zone ASUS MP3-In™

Accessories	1 x ASUS Q-Connector set (USB, 1394, system panel; Retail version only) 1 x Optional Fan 1 x IEEE1394a port module 2 x SATA cables 1 x SATA power cable for 2 devices 1 x UltraDMA 133/100/66 cable 1 x IDE cable 1 x FDD cable 1 x I/O Shield 1 x 2-port USB2.0 module User's manual
Form Factor	ATX Form Factor, 12"x 9.6"(30.5cm x 24.5cm)

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.



P5W DH Deluxe

ASUS Digital Home Series

- Intel® Quad-core CPU Ready
- LGA775 socket for Intel Core2 Duo, Core2 Extreme
- Intel 975X +Intel ICH7R 1066/800MHz
- Dual-channel DDR2 800/667/ 533 max 8GB
- 2 x PCI-E x 16 / 2 x PCI-E x 1/ 3 x PCI
- Support ATI CrossFire graphics cards
- Intel Matrix Storage technology
- Dual Gigabit LAN
- Dolby Master Studio technology
- ASUS EZ-Backup
- ASUS Digital Home features

* For P5W DH DELUXE owners.

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