

ASUS P4SDX Technical Updates

This insert updates the specifications for the ASUS P4SDX motherboard.
(Revisions refer to pages 1-12, 2-17, 3-6 and the cover page)

FCC & CE certificates (cover page)

Technical Updates
P4SDX Motherboard

DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2.1077(a)



Responsible Party Name: Asus Computer International

Address: 6737 Mowry Ave., Newark, CA 94560 U.S.A.

Phone/Fax No: (510)739-3777/(510)608-4555

hereby declares that the product

Product Name: Mother Board

Model Number: P4SDX

Conforms to the following specifications:

FCC Part 15, Subpart B, Unintentional Radiators
 FCC Part 15, Subpart C, Intentional Radiators

Supplementary Information:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Representative Person's Name: Ivan Ho/ President

Signature: 

Date: March 5, 2003

Declaration of Conformity

We, Manufacturer/Importer
(full address)
ASUS COMPUTER GmbH
HARKORT STR. 25
40880 RATINGEN, BRD. GERMANY

declare that the product
(description of the apparatus, system, installation to which it refers)
Mother Board
P4SDX

is in conformity with
(reference to the specifications to which conformity is declared)
in accordance with 89/336 EEC-EMC Directive and 1989/EC-R & TTE Directive

<input type="checkbox"/> EN 55011	Limits and methods of measurement of radio disturbance characteristics of household electrical appliances, portable tools and similar electrical apparatus	<input checked="" type="checkbox"/> EN 61000-3-2	Disturbances in supply systems caused by household appliances and similar electrical equipment. Harmonics
<input type="checkbox"/> EN 55013	Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment	<input checked="" type="checkbox"/> EN 61000-3-3	Disturbances in supply systems caused by household appliances and similar electrical equipment. "Voltage fluctuations"
<input type="checkbox"/> EN 55014	Limits and methods of measurement of radio disturbance characteristics of household electrical appliances, portable tools and similar electrical apparatus	<input checked="" type="checkbox"/> EN 50081-1	Generic emission standard Part 1. Residential, commercial and light industry
<input type="checkbox"/> EN 55015	Limits and methods of measurement of radio disturbance characteristics of fluorescent lamps and luminaires	<input type="checkbox"/> EN 50081-2	Generic emission standard Part 2. Industrial environment
<input type="checkbox"/> EN 55020	Immunity from radio interference of broadcast receivers and associated equipment	<input type="checkbox"/> EN 50082-2	Generic immunity standard Part 2. Industrial environment
<input checked="" type="checkbox"/> EN 55022	Limits and methods of measurement of radio disturbance characteristics of information technology equipment	<input type="checkbox"/> EN 55104	Immunity requirements for household appliances tools and similar apparatus
<input type="checkbox"/> DIN VDE 0895 part 10	Cabled distribution systems. Equipment for receiving and/or distribution from sound and television signals	<input type="checkbox"/> EN 50091-2	EMC requirements for uninterruptible power systems (UPS)
<input type="checkbox"/> EN 300328-1	Electromagnetic compatibility and Radio spectrum matters (ERM). Part 1: Radio transmission equipment operating in the 2.4GHz ISM band and using spread spectrum modulation techniques. Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive	<input type="checkbox"/> EN 301489	Electromagnetic compatibility and Radio spectrum matters (ERM). Part 1: Radio transmission equipment operating in the 2.4GHz ISM band and using spread spectrum modulation techniques. Part 2: Specific conditions for wireless data and HFR-ETLVA equipment

CE marking
(EC conformity marking)


The manufacturer also declares the conformity of above mentioned product with the actual required safety standards in accordance with LVD/73/23 EEC

EN 60065
 Safety requirements for mains operated electronic and related apparatus for household and similar general use

EN 60935
 Safety of household and similar electrical appliances

EN 50091-1
 General and Safety requirements for uninterruptible power systems (UPS)

Manufacturer/Importer

Signature: 

Name: Jonathan Tseng

Date: March 5, 2003

(Stamp)

15-060202000

Qualified DDR 400 memory modules: (cont') (page 1-12)

Type	Vendor	Model	Size	Max DIMMs support	
				Channel A	Channel B
DS	KINGMAX	KDL684t4AA-50	256MB	x 2	x 2
SS	ADATA	K4H560838D-TCC4	256MB	x 2	x 2
SS	Winbond	W942508BH-5	256MB	x 2	x 2
SS	Winbond	W942508BH-5	256MB	x 2	x 2
DS	Winbond	W942508BH-5	512MB	x 2	x 2
DS	MICRON	MT46V16M8-5TESB	256MB	x 2	x 2



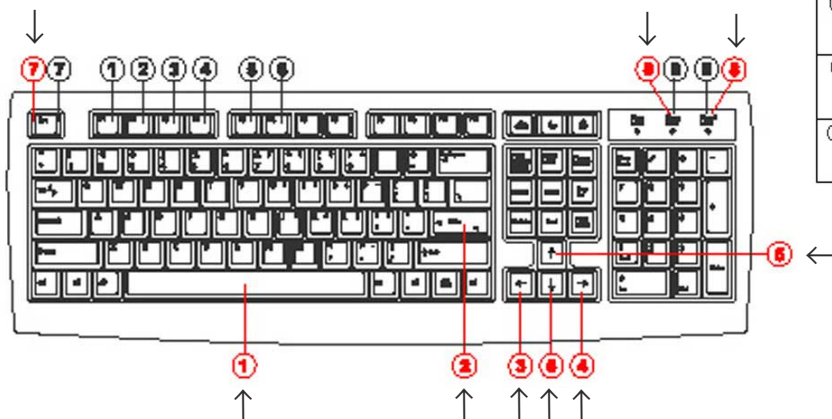
Transcend K4H560838D-TCC4 and KINGSTON W942508BH-5 memory modules were omitted.

AGP Capability [8X Mode] (page 2-17)

This motherboard supports the AGP 8X interface that transfers video data at 2.12GB/s. The configuration options vary depending on the speed of AGP card installed. If an AGP 4X card is installed, configuration options will be [4X Mode] and [1X Mode]. The setting [8X Mode] will be the default if an AGP 8X card is installed. AGP 8X is backward-compatible so you may keep the [4X Mode] setting, however the AGP interface will only provide a peak data throughput of 1066MB/s even if you are using an AGP 8X card.

Instant Music function keys (Set 2) (page 3-6)

As an alternative, you may also use another set of keys on the motherboard as Instant Music function keys. These keys are indicated by marked numbers in the keyboard illustration below. The functions are defined in the illustration on the right.



Instant Music		ASUS®	
① PLAY/PAUSE	② STOP/EJECT	③ PREVIOUS	④ NEXT
⑤ VOL. DOWN	⑥ VOL. UP	⑦ CD ON / OFF	⑧ CAPS LOCK * PLAY LOCK * PAUSE
⑨ SCROLL LOCK ON / OFF			