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You can read the recommendations in the user guide, the technical guide or the installation guide for FUJITSU SIEMENS D1382. You'll find the answers to all your questions on the FUJITSU SIEMENS D1382 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual FUJITSU SIEMENS D1382**  
**User guide FUJITSU SIEMENS D1382**  
**Operating instructions FUJITSU SIEMENS D1382**  
**Instructions for use FUJITSU SIEMENS D1382**  
**Instruction manual FUJITSU SIEMENS D1382**



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**Manual abstract:**

g. BIOS update) on our mainboards can be found on the Internet under: <http://www.fujitsu-siemens.com/mainboards> Dieses Handbuch wurde auf Recycling-Papier gedruckt. This manual has been printed on recycled paper. Ce manuel est imprimé sur du papier recyclé. Este manual ha sido impreso sobre papel reciclado. Questo manuale è stato stampato su carta da riciclaggio. Denna handbok är tryckt på recyclingpapper. Dit handboek werd op recycling-papier gedrukt.

Herausgegeben von/Published by Fujitsu Siemens Computers GmbH Bestell-Nr./Order No.: A26361-D1382-Z180-1-7619 Printed in the Federal Republic of Germany AG 0203 02/03 A26361-D1382-Z180-1-7619 Mainboard D1381 / D1382 Additional Technical Manual February 2003 edition Intel, Pentium and Celeron are registered trademarks of Intel Corporation, USA. Microsoft, MS, MS-DOS and Windows are registered trademarks of Microsoft Corporation.

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@@@ Offenders will be liable for damages. @ Delivery subject to availability. @ @g.

@@@@@ Unplug your computer before you remove any part of the casing. @@@@ D1382-A Onboard Features Chipset Board Size VGA Audio Buzzer / int. Speaker Support LAN / with Alert-on-LAN HI-SPEED USB SmartCard Support (USB / serial) Thermal Management System Monitoring Fujitsu Siemens Keyboard Power Button Support Internal Connectors DIMM Sockets (DDR, PC2100) AGP Slot (4x, 32Bit, 66 MHz, 1.5 V) PCI Slots (32Bit, 33 MHz, 5 V and 3.3 V) CNR Slot IDE Interfaces (Ultra DMA/100) Floppy Interface (up to 2.88 MB) S/PDIF\* (digital Audio) CD / AUX Audio Input Frontpanel Audio (headphone, microphone) Wake-on-LAN USB ports\* (2.0, ~480Mb/s) Serial Ports\* (FIFO, 16550 compatible) FAN Connectors PSU / FAN1 / FAN2 / FAN3 SMBus Connector\* (Case Temperature) Intrusion Connector\* (Case Open) Power Connectors ATX / ATX12V / AGP PRO 2 1 3 2 1 1 / 1 4 1 1 / 1 / 1 1 / 1 / 2 1 3 2 1 1 / 1 4 1 - / 1 / 1 1 / 1 /  $\mu$ -ATX ü ü - / ü ü / ü ü / ü ü  $\mu$ -ATX ü ü / ü / ü / ü / ü D1381-A 2 - English A26361-D1382-Z180-4-7619 Features External Connectors VGA Audio Mic. in / Line in / Line out (2 x 0.5 W / 8 ) Game/MIDI LAN (RJ-45) PS/2 Mouse/Keyboard USB Ports (2.0, ~480Mb/s) Serial Ports (FIFO, 16550 compatible) Parallel Port (EPP/ECP) \* for use with internal devices or optional Front- or Rearpanel \*\* not supported by standard Power Supplies 1 1 / 1 1 1 / 1 2 1 1 1 / 1 1 1 / 1 2 1 1 A26361-D1382-Z180-4-7619 English - 3 Mechanics Mechanics Layout Mainboard D1381 / D1382  $\mu$ ATX 9.

6" x 9.6" ( 243.84 mm x 243.84 mm) 13 4 5 6 8a 8b 8c 2 7 1 = 2 = 3 = 4 = 5 = PS/2 mouse port PS/2 keyboard port Serial port Parallel port VGA 6 = LAN connector 7 = USB port 8a = Audio Line-In 8b = Audio Head-Out 8c = Audio Micro-In The components and connectors marked are not necessarily present on the mainboard. 4 - English A26361-D1382-Z180-4-7619 Mechanics 1 234 5 67 8 9 DIMM 2 DIMM 1 10 11 12 13 14 15 AGP 20 PCI 1 19 1 = Power supply ATX 2 = Floppy Disk Drive 3 = IDE drives 3 and 4 (secondary) 4 = Power supply monitoring 5 = Connector for front panel 6 = Switch 7 = Jumpers 8 = IDE drives 1 and 2 (primary) 9 = Fan 2 10 = Power On LED II 11 = Cover monitoring 12 = 13 = 14 = 15 = 16 = 17 = 18 = 19 = 20 = 18 17 16 LCD display USB ports C / D USB ports E / F COM2 SP/DIF (digital Audio) Audio front panel CD audio input Power supply Fan 1 (e.g. for the processor) The components and connectors marked are not necessarily present on the mainboard. PCI 2 PCI 3 A26361-D1382-Z180-4-7619 English - 5 Connectors Connectors ! Some of the following connectors are optional! Power supply ATX connector 1 11 Pin 1 2 3 4 5 6 7 8 9 10 Signal +3.3V(P2V2P) +3.3V(P2V2P) GND +5V (VCC) GND +5V (VCC) GND Powergood (high asserted) +5V Auxiliary (VCC Aux) +12V (P12VP) Pin 11 12 13 14 15 16 17 18 19 20 Signal +3.3V(P2V2P) -12V (P12VN) GND PS on (low asserted) GND GND GND -5V (5PVN) +5V (VCC) +5V (VCC) 1 Power supply control Pin 1 2 3 4 5 6 7 8 Signal AC Outlet (high asserted) PS FAN Control (PS FAN C max 3mA) Reserved PS FAN Sense SMB CLK SMB DATA VCC EEPROM (+3,3V) GND 6 - English A26361-D1382-Z180-4-7619 Connectors Front panel connector Power On/Off Reset 1) Sleep LED Message LED Power On 1) HD-LED LED I 1) 3) 1 2 1 1) 2) Sleep SCSI LED Input Speaker 1) Cable is not included in the delivery scope. 2) The same interface 3) 2pin or 3pin connector possible 1) The sleep button (optional) functions only for operating systems with APM (not with ACPI). Pin 1 Signal Sleep LED (Cathode) Pin 2 Signal In case of 'Sound via internal system speaker' support: Speaker negative Otherwise: not connected Key GND In case of 'Sound via internal system speaker' support: Speaker positive Otherwise: not connected Key pin Key pin Key Not connected SCSI LED input (low asserted) SCSI LED input (low asserted) Not connected Key GND GND GND 3 5 7 Sleep LED (Anode) Key PowerON\_LED (Anode) 4 6 8 9 11 13 15 17 19 21 23 25 27 1) 29 PowerON\_LED (Anode) Sleep LED and PowerON\_LED (Cathode) Message LED (Anode) Message LED (Cathode) Key HD\_LED (Anode) HD\_LED (Cathode) GND Power button (low asserted) Sleep button (low asserted) Reset button (low asserted) 10 12 14 16 18 20 22 24 26 28 30 A26361-D1382-Z180-4-7619 English - 7 Connectors LED connector II 3 1 Pin 1 2 3 Signal Power On LED II (Anode) Power On LED II (Anode) Power On LED II (Cathode) Fan 1 connector (system fan - supervised) Pin 1 2 3 Signal 1 GND Controlled Fan voltage (0V, +6V ...

+12 V, max. 1 A) or fix Fan voltage (+12 V, max. @1 A) Fan sense 1 8 - English A26361-D1382-Z180-4-7619 Connectors LCD status indicator connector 2 1 Pin 1 3 5 7 9 11 13 Signal SMB CLK SMB DATA Key LAN Activeb Icon Harddisk Action Icon Message Icon Power Icon Pin 2 4 6 8 10 12 14 Signal GND GND RFU Reseved for Future Use LAN Link Icon BMC Alert Icon Sleep Icon P3V3P DUAL UBS port C/D and E/F - dual channel (internal or external via special wire) 1 11 2 12 Pin 1 3 5 7 9 11 Signal Key VCC C Data negative C Data positive C GND Key Pin 2 4 6 8 10 12 Signal Chipcardreader on VCC D Data negative D Data positive D GND not connected A26361-D1382-Z180-4-7619 English - 9 Connectors Intrusion connector for case open detect for optional push-button (opene with ACPI please ensure that all of your components are supporting ACPI S3 and S4. - - Operating system Hardware and drivers of controllers (e. g.



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