

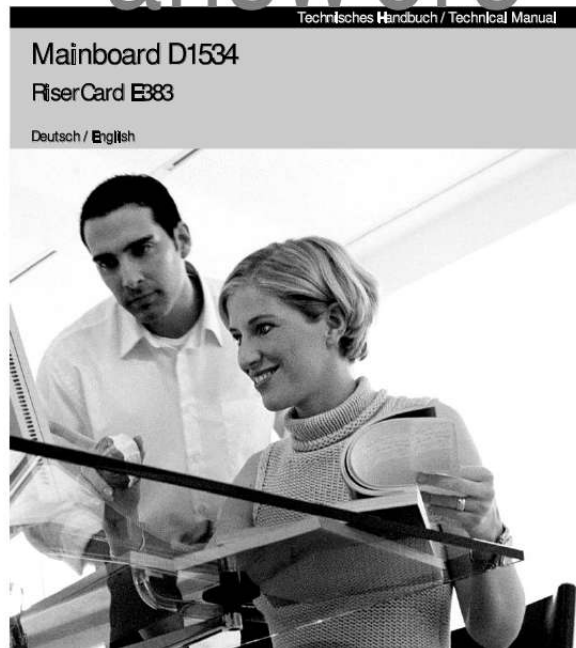


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You can read the recommendations in the user guide, the technical guide or the installation guide for FUJITSU SIEMENS SCENIC E600 (I865G). You'll find the answers to all your questions on the FUJITSU SIEMENS SCENIC E600 (I865G) in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual FUJITSU SIEMENS SCENIC E600 (I865G)
User guide FUJITSU SIEMENS SCENIC E600 (I865G)
Operating instructions FUJITSU SIEMENS SCENIC E600 (I865G)
Instructions for use FUJITSU SIEMENS SCENIC E600 (I865G)
Instruction manual FUJITSU SIEMENS SCENIC E600 (I865G)

answers²



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Manual abstract:

B. @@any technical problems or other questions you need clarified? @@The latest information and updates (e. 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.

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Offenders will be liable for damages. All rights, including rights created by patent grant or registration of a utility model or design, are reserved. Delivery subject to availability. Right of technical modification reserved. This manual was produced by cognitas. Gesellschaft für Technik-Dokumentation mbH www.cognitas.de Übersicht/Overview Mainboard D1534 Interne Anschlüsse und Steckplätze / Internal connectors and slots Mainboard 1 = PCI-Baugruppensteckplatz für Riser E383 / PCI riser slot for Riser E383 14 PCI Riser Slot 13 AGP 2 = Diskettenlaufwerk / Floppy disk drive 3 = Lüfter 1 / Fan 1 4 = Stromversorgung +12 V (Power 1 2 3 4 5= 6= 7= 8= 9= 10 = 11 = 12 = 13 = 14 = 12 11 10 9 8 Channel A, Slot 1 Channel B, Slot 1 7 6 5 supply +12 V USB C/D CD-Audio-Eingang / CD-Audio Input IDE-Laufwerke 1/2 / IDE-drives 1/2 IDE-Laufwerke 3/4 / IDE-drives 3/4 Stromversorgungsüberwachung / Power control Serial ATA1 Stromversorgung / Power supply Serial ATA0 S/PDIF-Anschluss / S/PDIF connector Steckbrücken / Jumper Optionale Komponenten / Optional components 1 RiserCard 2 3 4 1 = Gehäuseüberwachung / Intrusion switch 2 = PCI-Steckplatz 1 / PCI slot 1 3 = PCI-Steckplatz 2 / PCI slot 2 4 = Interner Lautsprecher / Internal speaker Externe Anschlüsse hinten / External connectors rear LAN Externe Anschlüsse vorne / External connectors front VGA A26361-D1534-Z120-2-7419 Umschlag /Cover Contents Übersicht/Overview Mainboard D1534 Mainboard D1534 ...

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....27 A26361-D1534-Z120-2-7419 English Mainboard D1534 Your mainboard is available in different configuration levels.

Depending on the configuration chosen, some of the hardware components described may not be available on your mainboard. Additional information
Information on the BIOS Setup and additional descriptions of the drivers are contained: · · · in the readme files on your hard disk on the driver floppy disks
included on the CD "Drivers & Utilities Collection" or "Drivers & Utilities" or "ServerStart". i The programme Acrobat Reader must be installed to be able
to open the manuals. You will find the programme on the CD-ROM directory: utls/acrobat. For more details please read the according readme.
txt files. Notational conventions The meanings of the symbols and fonts used in this manual are as follows: ! i Ê Ë Û indicates information which is important
for your health or for preventing physical damage. indicates additional information which is required to use the system properly. Text which follows this
symbol describes activities that must be performed in the order shown. This symbol indicates that you must enter a blank space (press the Space Bar) at this
point. This symbol indicates that you must press the Enter key. Text in this typeface indicates screen outputs. Text in this bold typeface indicates the entries
you make via the keyboard. Text in italics indicates commands or menu items. "Quotation marks" indicate names of chapters or terms.

A26361-D1534-Z120-2-7419 English - 1 Mainboard D1534 Important notes With the mainboard installed you must open the system to access the mainboard.

How to dismantle and reassemble the system is described in the operating manual accompanying the system. Connecting cables for peripherals must be
adequately shielded to avoid interference. ! Observe the safety notes in the operating manual of your system. Incorrect replacement of the lithium battery may
lead to a risk of explosion. It is therefore essential to observe the instructions in the "Add-on modules / Upgrading" - "Replacing the lithium battery" section.

Components can become very hot during operation. Ensure you do not touch components when making extensions to the mainboard.



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There is a danger of burns! The shipped version of this board complies with the requirements of the EEC directive 89/336/EEC "Electromagnetic compatibility". Compliance was tested in a typical PC configuration.

When installing the board, refer to the specific installation information in the manual for the receiving device. i The warranty is invalidated if the system is damaged during the installation or replacement of expansions. Information on which expansions you can use is available from your sales outlet or the customer service centre. Information about boards To prevent damage to the mainboard, the components and conductors on it, please take great care when you insert or remove boards. Take great care to ensure that extension boards are slotted in straight, without damaging components or conductors on the mainboard, or any other components, for example EMI spring contacts.

Remove the plug from the mains outlet so that system and mainboard are totally disconnected from the mains voltage. Be careful with the locking mechanisms (catches, centring pins etc.) when you replace the mainboard or components on it, for example memory modules or processors. Never use sharp objects (screwdrivers) for leverage. Boards with electrostatic sensitive devices (ESD) are identifiable by the label shown.

When you handle boards fitted with ESDs, you must, under all circumstances, observe the following: You must always discharge static build up (e.g. by touching a grounded object) before working. The equipment and tools you use must be free of static charges. Remove the power plug from the mains supply before inserting or removing boards containing ESDs. Always hold boards with ESDs by their edges. Never touch pins or conductors on boards fitted with ESDs. 2 - English A26361-D1534-Z120-2-7419 Mainboard D1534 List of features Onboard features Chipset VGA Audio Buzzer / int. Speaker Support / Speaker Gigabit LAN / with Alert-on-LAN HI-SPEED USB 2.0 SmartCard Reader Support (USB / serial) Temperature System BIOS".

IA-PC Instantly Available PC ensures fast availability of the PC from an energy-saving mode. Within just a few seconds the PC is in exactly the same state it was in when it was switched off without time-consuming booting. Depending on the operating system, the PC can be switched into an energy-saving mode with applications open by pressing the ON/OFF switch. A26361-D1534-Z120-2-7419 English - 5 Interfaces and connectors Interfaces and connectors The positions of the interfaces and connectors are shown on page "Cover". The components and connectors marked are not necessarily present on the mainboard. External ports The positions of the external ports are shown on page "Cover". PS/2 keyboard port, purple PS/2 mouse port, green Serial interface, turquoise Parallel port/Printer, burgundy LAN LAN connector USB - Universal Serial Bus, black Audio output (Line out), light green Audio input (Line in), light blue LAN connector Microphone jack (mono), pink This mainboard has an Intel 82562EI LAN controller. This LAN controller supports the transfer rates of 10 Mbit/s, 100 Mbit/s and 1000 Mbit/s. The LAN controller is equipped with a 40 KB transmission and receiving buffer (FIFO) and supports WOL function through Magic Packet. It is also possible to boot a device without its own boot hard disk via LAN.

Here InCom LAN Boot or bootix® PXE are supported. The LAN RJ45 connector has two LEDs (light emitting diodes). 1 = a connection exists (e.g. to a hub). 2 = Link Mode: the LAN connection is active. WOL mode: a Magic Packet™ is being received. 1 2 6 - English A26361-D1534-Z120-2-7419 Interfaces and connectors Internal ports and connectors The positions of the internal ports and connectors are shown on the Cover. Additional information on some ports is also provided here. Hard disk connection An ultra ATA/66 or ultra ATA/100 hard disk must be connected with a cable especially designed for the ultra ATA/66 or ultra ATA/100 mode.

Ê Connect the end of the cable marked with blue to the mainboard. If you have connected one or two hard disks to a serial ATA (one hard disk is possible per serial ATA connection), you must configure the respective settings in the BIOS Setup. A26361-D1534-Z120-2-7419 English - 7 Interfaces and connectors Pin assignment of internal ports The pin assignment of some internal connections is shown in English in the following. i Fan Some of the following connectors may be optional! 1 (system fan - supervised) Pin 1 2 3 Signal GND Controlled Fan voltage (0 V, +6 V ... +12 V, max. 1 A) or fix Fan voltage (+12 V, max. 1 A) Fan sense Processor power supply power supply 3 1 Pin 1 2 Signal GND GND Pin 3 4 Signal +12V +12V 8 - English A26361-D1534-Z120-2-7419 Interfaces and connectors Power supply ATX 1 11 Pin 1 2 3 4 5 6 7 8 9 10 Signal +3.3 V (P3V3P) +3.

3 V (P3V3P) GND +5V (VCC) GND +5V (VCC) GND Powergood (high asserted) +5 V Auxiliary (VCC Aux) +12 V (P12VP) Pin 11 12 13 14 15 16 17 18 19 20 Signal +3.3 V (P3V3P) -12 V (P12VN) GND PS on (low asserted) GND GND GND -5 V (P5VN) +5 V (VCC) +5 V (VCC) USB C/D - 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-D1534-Z120-2-7419 English - 9 Interfaces and connectors CD-ROM audio 1 Pin 1 2 3 4 Signal Left CD audio input CD GND CD GND Right CD audio input 1 Power control (system monitoring) Pin 1 2 3 4 5 6 7 8 Signal AC Outlet (high asserted) PS FAN Control (PS FAN C max. 3 mA) Reserved PS FAN Sense SMB CLK SMB DATA VCC EEPROM (+3.3 V) GND 10 - English A26361-D1534-Z120-2-7419 Interfaces and connectors Serial ATA (internal) 1 Pin 1 3 5 7 Signal GND Transmit data negative Receive data negative GND Pin 2 4 6 8 Signal Transmit data positive GND Receive data positive Key Audio S/PDIF (3-pin) 1 Pin 1 2 3 Signal GND SPDIF out GND A26361-D1534-Z120-2-7419 English - 11 Jumper settings Jumper settings Your mainboard is equipped with jumpers alternatively. The positions of the jumpers are shown on page "Cover". 1 2 Pin pair 1 inserted = Skipping system and BIOS Setup password Pin pair 2 inserted = System BIOS recovery Any other setting = State of supply; jumper has no function i The clock frequency of the processor is set automatically. Skipping system and BIOS Setup password - pinpair 1 Pinpair 1 enables skipping the system and BIOS Setup password. On Off System and BIOS Setup password are skipped when the device is switched on and may be changed. System and BIOS Setup password must be entered when the device is switched on. Recovering System BIOS - pinpair 2 Pinpair 2 enables recovery of the old system BIOS after an attempt to update has failed.



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To restore the old BIOS you need a Flash BIOS Diskette (see "BIOS update" chapter). On Off The System BIOS executes from floppy drive A: and the inserted "Flash-BIOSDiskette" restores the System BIOS on the mainboard. Normal operation (default setting). 12 - English A26361-D1534-Z120-2-7419 Add-on modules / Upgrading Add-on modules / Upgrading ! Exit energy-saving mode, switch off the system and remove the power plug from the mains outlet, before carrying out any of the procedures described in this chapter! Even when you have switched off the device, parts (e.g. memory modules, AGP and PCI extension boards) are still supplied with power. Installing and removing processors Technical data Intel Pentium 4 with 400, 533 or 800 MHz front side bus in the mPGA478 design. A current list of the processors supported by this mainboard is available on the Internet at: www.fujitsu-siemens.com.

Installing processor with heat sink ð Remove the heat sink. 3 2 4 5 1 A ð ð Pull the lever in the direction of the arrow (1) and lift it as far as it will go (2). Remove the old processor from the socket (3). Insert the new processor in the socket so that the angled corner of the processor matches the coding on the socket (A) with regard to the position (4). ð The angled corner of the processor can also be at a different location than shown in the illustration. Push the lever back down until it clicks into place (5). A26361-D1534-Z120-2-7419 English - 13 Add-on modules / Upgrading Mounting heat sink Be sure to use heat conducting material between the processor and the heat sink. If a heat conducting pad (rubber-like foil) is already applied to the heat sink, then use it. Otherwise you must apply a very thin layer of heat conducting paste. Heat conducting pads can only be used once.

If you remove the heat sink, you must clean it and apply new heat conducting paste before you remount it. Please note that, depending on the heat sink used, different heat sink mounts are required on the mainboard. ð If a counter-plate is mounted on the underside of the mainboard for reinforcement, no heat sinks of the type "Intel Boxed" may be used. Otherwise the retaining clips of the heat sink will be damaged. When using an "Intel Boxed" heat sink, the mainboard must be converted. This conversion set is either included with the mainboard or is available separately. If no counter-plate is mounted, you can use both "Intel Boxed" heat sinks and standard heat sinks. If you use the "Intel Boxed" heat sink, the mainboard will bend due to the high pressure of the retaining clips. This behaviour is specified by Intel. ð Depending on the configuration variant, you must pull a protective foil off the heat sink or coat the heat sink with heat conducting paste before fitting it.

Depending on the processor variant, clips may also be supplied for mounting the heat sink that fix it in place. When you have mounted the optional fan, connect the fan plug to the corresponding connection on the mainboard. ð ð 14 - English A26361-D1534-Z120-2-7419 Add-on modules / Upgrading Upgrading main memory Technical data Technology: Size: Granularity: DDR 266, DDR 333 or DDR 400 unbuffered DIMM modules 184-Pin; 2.5 V; 64 Bit, no ECC 64, 128 Mbytes up to 2 Gbyte DDR-SDRAM 64, 128, 256, 512 or 1024 Mbyte for one module A current list of the memory modules recommended for this mainboard is available on the Internet at: www.fujitsu-siemens.com. At least one memory module must be installed. Memory modules with different memory capacities can be combined. ! You may only use unbuffered 2,5 V memory modules. Buffered memory modules are not supported.

DDR-DIMM memory modules must meet the PC2100, PC2700 or PC3200 specification. The mainboard has two memory channels. The maximum system performance is only available when memory modules (same order number, same manufacturer, same size, memory density) are used in both memory channels. Memory clock pulse speed The memory clock pulse speed is affected by the processor chipset and system bus. The table shows the memory speed in dependence on the system bus. System bus (MHz) 533 400 Installing a memory module DDR333 (MHz) 333 333 DDR266 (MHz) 266 266 2 2 ð ð Push the holders on each side of the memory slot outwards. Insert the memory module into the location (1). At the same time flip the lateral holders upwards until the memory module snaps in place (2). A26361-D1534-Z120-2-7419 English - 15 Add-on modules / Upgrading Removing a memory module 1 1 ð ð Push the clips on the right and left of the memory slot outward (1). Pull the memory module out of the memory slot (2).

Upgrading AGP screen controllers Technical data: The AGP slot supports the modes 1x/2x/4x/8x with 32 bits and 66 MHz. @@@@PCI IRQ Lines are permanently wired on the mainboard. @@@@Do not throw lithium batteries into the household waste. @@Make sure that you insert the battery the right way round. @@Remove the battery (2). @@@@In addition, new BIOS functions can also be integrated. @@Where can I obtain BIOS updates? @@How does a BIOS update work? You have two ways of doing this: 1. @@Insert an empty floppy disk (1.44 MB). Run the update file (e.g. 1522103.EXE). A bootable update floppy disk is created. Leave this floppy disk in the drive.

Restart the PC. @@@@DeskFlash is located on the "Drivers & Utilities" CD (from CD version 2001.05 with DeskViewOEM V5.0). In the Readme file in the subfolder DeskFlash you will find the installation instructions for DeskFlash.

Further information on DeskFlash is provided in the DeskView.PDF file and in the DeskViewOEM online help. A26361-D1534-Z120-2-7419 English - 19 Add-on modules / Upgrading BIOS Recovery - Recovering System BIOS ð ð ð ð All BIOS settings are reset to the default values. Open the casing as described in the operating manual. Set the jumper for "Restore system BIOS" to ON. Close the casing as described in the operating manual. Insert a BIOS update floppy disk and start the PC. Note the signals issued from the loudspeaker. You have successfully restored the BIOS if you hear the signal sequence "short-short- long- long- long" and the diskette access indicator is dark. This can take a few minutes.

Open the casing as described in the operating manual. Set the jumper for "Restore system BIOS" to OFF. Close the casing as described in the operating manual. Remove the floppy disk from the drive. Start the PC and invoke BIOS Setup. Select the menu item Reset Configuration in the menu Advanced and change the setting to Yes. Save the change and terminate BIOS Setup. ð ð ð ð ð The BIOS recovery has now been completed. The system restarts.



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i Detailed information on the BIOS recovery is contained in the manual "BIOS Setup" ("Drivers & Utilities" CD).

Microcode Update What is a microcode update? As there are no drivers for processors, Intel offers the possibility from the P6 family (Pentium Pro) on to update the command set (microcode) of the processor. This enables minor errors to be corrected and the performance to be increased. To guarantee the best possible performance and error-free operation, Intel recommends updating the microcode regularly. Intel refers to the use of the processor without regular microcode updates as operation outside the specifications. 20 - English A26361-D1534-Z120-2-7419 Add-on modules / Upgrading Safety for processor on Fujitsu Siemens Computers mainboards If the processor uses an old or incorrect microcode, error-free operation cannot be ensured.

Fujitsu Siemens Computers has therefore implemented a function on its mainboards that interrupts the booting process if no suitable microcode is available for the installed processor. The output error message is Patch for installed CPU not loaded. Please run the bios flash update diskette. This message appears until the microcode update has been carried out. If the computer is nevertheless operated without a microcode update, error-free operation is not ensured.

When should a microcode update be carried out? A microcode update should be carried out in the following cases: · Following installation of a new processor · When a new microcode update is issued. In contrast to the BIOS update, only an updated version of the processor command set is stored. The system BIOS remains unaffected by this. Microcode update under DOS with bootable microcode update floppy disk - brief description È È È È È Download the update file from our website to your PC. Insert an empty floppy disk (1.44 MB). Run the update file under DOS (e.g. 1495101.EXE).

A bootable update floppy disk is created. Leave the floppy disk in the drive. Restart the PC. Follow the instructions on screen. To determine whether the latest microcode update has been loaded, the so-called Patch-ID of the processor can be read out. È Press the [F1] key in the BIOS Setup. The entry CPU / Patch ID is shown on the displayed information page. A list with the current processors and the related Patch-IDs is available on the Internet. i If the processor is not recognised, you also require the microcode update tool for processors of the P6 family. Drivers Only when no drivers are installed on your system, or you want to update these, proceed as follows: È È È È Insert the CD Drivers & Utilities Collection into the CD ROM drive.

If the CD does not start automatically, run the START.EXE programme in the main directory of the CD. Select DeskUpdate - Fully automatic installation. Follow the screen instructions. A26361-D1534-Z120-2-7419 English - 21 Error messages Error messages This chapter contains error messages generated by the mainboard.

Available CPUs do not support the same bus frequency System halted! Memory type mixing detected Non Fujitsu Siemens Memory Module detected Warranty void There are more than 32 32 RDRAM devices in the system Check whether the system configuration has changed. If necessary, correct the settings. BIOS update for installed CPU failed This message appears if the microcode update required for the connected processor is not contained in the system BIOS. È È Boot the system with the inserted Flash BIOS floppy disk. Abort the normal Flash BIOS update by answering the question about whether you want to perform the update with nÚ To carry out the Flash BIOS update for the processor, enter: flashbioÈ/p6 Ú È Check date and time settings The system date and time are invalid.

Set the current date and time in the Main menu of the BIOS Setup. CPU ID 0x failed Switch the server off and on again. If the message is still displayed, go into the BIOS setup and set the corresponding processor to Disabled in the Server - CPU Status menu; please contact your sales outlet or customer service centre. CPU mismatch detected You have replaced the processor or changed the frequency setting. As a result, the characteristic data of the processor have changed. Confirm this change by running the BIOS Setup and exiting it again. Diskette drive A error Diskette drive B error Check the entry for the diskette drive in the Main menu of the BIOS Setup. Check the connections to the diskette drive. 22 - English A26361-D1534-Z120-2-7419 Error messages DMA test failed EISA CMOS not writable Extended RAM Failed at offset: nnnn Extended RAM Failed at address line: nnnn Failing Bits: nnnn Fail-Safe Timer NMI failed Multiple-bit ECC error occurred Memory decreased in size Memory size found by POST differed from EISA CMOS Single-bit ECC error occurred Software NMI failed System memory exceeds the CPU's caching limit System RAM Failed at offset: nnnn Shadow RAM Failed at offset: nnnn Switch the device off and on again. If the message is still displayed, please contact your sales outlet or customer service centre.

Failure Fixed Disk 0 Failure Fixed Disk 1 Fixed Disk Controller Failure Check the entry for the hard disk drive in the Main menu and the entry for the IDE drive controller in the Advanced - Peripheral Configuration menu of the BIOS Setup. Check the hard disk drive's connections and jumpers. Incorrect Drive A - run SETUP Incorrect Drive B - run SETUP Correct the entry for the diskette drive in the Main menu of the BIOS Setup. Invalid NVRAM media type Switch the device off and on again. If the message is still displayed, please contact your sales outlet or customer service centre. Invalid System Configuration Data In the Advanced menu of the BIOS Setup set the entry Reset Configuration Data to Yes. Invalid System Configuration Data - run configuration utility Press F1 to resume, F2 to Setup This error message may be displayed if the machine was switched off during system start-up. Call BIOS Setup and switch to the Advanced menu. Select the menu item Reset Configuration Data and change the setting to Yes. Save the change and terminate BIOS Setup.

Reboot the device. Keyboard controller error Connect another keyboard or another mouse. If the message is still displayed, please contact your sales outlet or customer service centre. Keyboard error Check that the keyboard is connected properly. Keyboard error nn nn Stuck Key Release the key on the keyboard (nn is the hexadecimal code for the key).

A26361-D1534-Z120-2-7419 English - 23 Error messages Missing or invalid NVRAM token Switch the device off and on again. If the message is still displayed, please contact your sales outlet or customer service centre. Monitor type does not match CMOS - RUN SETUP Correct the entry for the monitor type in the Main menu of the BIOS Setup.



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On Board PCI VGA not configured for Bus Master In the BIOS Setup, in the Advanced menu, submenu PCI Configuration, set the Shared PCI Master Assignment entry to VGA. One or more RDRAM devices are not used One or more RDRAM devices have bad architecture/timing One or more RDRAM devices are disabled Contact your system administrator or contact our customer service centre.

Operating system not found Check the entries for the hard disk drive and the floppy disk drive in the Main menu and the entries for Boot Sequence submenu of the BIOS Setup. Parity Check 1 Parity Check 2 Switch the device off and on again. If the message is still displayed, please contact your sales outlet or customer service centre. Previous boot incomplete - Default configuration used By pressing function key [F2] you can check and correct the settings in BIOS Setup. By pressing function key [F1] the system starts with incomplete system configuration. If the message is still displayed, please contact your sales outlet or customer service centre. Real time clock error Call the BIOS Setup and enter the correct time in the Main menu. If the message is still displayed, please contact your sales outlet or customer service centre. Service Processor not properly installed The server management controller has not been correctly installed. If the message is still displayed, please contact your sales outlet or customer service centre.

Storage Extension Group = xy Configuration error, x Storage Extensions(s) found, configured are y SE(s). Device List: k1, k2 ... The specified number of storage expansion units (SEs) in the BIOS Setup menu Server - Storage Extensions - Number of connected SE is incorrect. @@Check whether you have assigned the same device ID twice. @@@@If the message is still displayed, please contact your sales outlet or customer service centre. System CMOS checksum bad - - Default configuration used Call the BIOS Setup and correct the previously made entries or set the default entries. System Management Configuration changed or Problem occurred A system fan or system sensor has failed. Check the hardware operation.

System timer error Switch the device off and on again. If the message is still displayed, please contact your sales outlet or customer service centre.

Uncorrectable ECC DRAM error DRAM Parity error Unknown PCI error Switch the device off and on again. If the message is still displayed, please contact your sales outlet or customer service centre. Verify CPU frequency selection in Setup The frequency setting for the processor is invalid.

Correct the BIOS Setup and the setting. DOS error messages This chapter contains the error messages that occur while DOS is running. If a uncorrectable error occurs while DOS is running, then the following error text is output on the screen: Critical error logged to server management processor - system halted If the NMI button of the control panel is pressed, then the following error text is output on the screen: Frontpanel NMI activated - system halted A26361-D1534-Z120-2-7419 English - 25 Error messages SmartCard reader - error messages This chapter contains error messages generated by the SmartCard reader (chipcard reader). Boot access denied The Sicrypt SmartCard has no access rights to the system. Check your chipcard Either the Sicrypt SmartCard has been wrongly inserted, or it is not a PC-Lock Sicrypt card.

Chipcard reader FAIL An error has occurred on the serial port to the SmartCard reader (chipcard reader). If this error occurs always or often, the connection between the SmartCard reader and the mainboard must be checked, or the SmartCard reader must be replaced. While the error is present, access to the system is blocked. Non authorized chipcard The Sicrypt SmartCard cannot be used on this PC. The Sicrypt SmartCard has been configured for a different PC. PC-Lock installation FAIL: An error has occurred during installation of PC Lock. Do not switch off, but insert the "BIOS Flash diskette", and try the installation again. The chipcard is blocked. Enter the Admin PIN: You have exceeded the maximum number of failed attempts to enter the PIN. The Sicrypt SmartCard is blocked.

Enter the administrator PIN to re-activate the Sicrypt SmartCard. You must then enter a new User PIN to restart the system. 26 - English A26361-D1534-Z120-2-7419 Error messages Glossary The technical terms and abbreviations given below represent only a selection of the full list of common technical terms and abbreviations. Not all technical terms and abbreviations listed here are valid for the described mainboard. ACPI AC'97 AGP AMR AOL APM ATA BIOS BMC CAN CPU CNR C-RIMM DIMM ECC EEPROM Advanced Configuration and Power Management Interface Audio Codec '97 Accelerated Graphics Port Audio Modem Riser Alert On LAN Advanced Power Management Advanced Technology Attachment Basic Input Output System Baseboard management controller Controller Area Network Central Processing Unit Communication Network Riser Continuity Rambus Inline Memory Module Dual Inline Memory Module Error Correcting Code Electrical Erasable Programmable Read Only Memory Floppy disk controller First-In First-Out Front Side Bus Firmware Hub Graphics and Memory Controller Hub Graphics Performance Accelerator Inter Integrated Circuit Instantly Available Power Managed Desktop PC Design I/O Controller Hub Intelligent Drive Electronics Internet Protocol Security ISA LAN LSA MCH MMX P64H PCI PXE RAM RAMDAC RDRAM RIMM RTC SB SDRAM SGRAM Industrial Standard Architecture Local Area Network LAN Desk Service Agent Memory Controller Hub MultiMedia eXtension PCI64 Hub Peripheral Component Interconnect Preboot eXecution Environment Random Access Memory Random Access Memory Digital Analogue Converter Rambus Dynamic Random Access Memory Rambus Inline Memory Module Real Time Clock Soundblaster Synchronous Dynamic Random Access Memory Synchronous Graphic Random Access Memory Streaming Mode Instruction (Single Instruction Multiple Data) System Management Bus Super Video Graphic Adapter Universal Serial Bus Video Graphic Adapter Wake On LAN FDC FIFO FSB FWH GMCH GPA I2C IAPC ICH IDE IPSEC SIMD SMBus SVGA USB VGA WOL A26361-D1534-Z120-2-7419 English - 27 .



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